

RECORD OF PROCEEDINGS  
OF THE  
BOARD OF TRUSTEES  
OF THE  
OHIO STATE UNIVERSITY

COLUMBUS

July 1, 1980 to June 30, 1981

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1980-1981

THE OHIO STATE UNIVERSITY

Harold L. Enarson, President

BOARD OF TRUSTEES

	Term Beginning	Term Expiring
Patricia D. James, Cleveland	July 18, 1972	May 13, 1981
Chester Devenow, Toledo	May 14, 1973	May 13, 1982
Warren J Smith, Columbus	January 6, 1975	May 13, 1983
John D. Jacob, Columbus	May 14, 1975	May 13, 1984
Donald James Hilliker, Bellefontaine	May 14, 1976	May 13, 1985
John F. Havens, Delaware	May 14, 1977	May 13, 1986
Daniel M. Galbreath, Columbus	May 14, 1978	May 13, 1987
Edmund C. Redman, Columbus	May 14, 1979	May 13, 1988
Leonard J. Immke, Columbus	May 14, 1980	May 13, 1989
John W. Berry, Dayton	May 14, 1981	May 13, 1990

OFFICERS

Chester Devenow, Chairman  
Warren J Smith, Vice Chairman  
Madison H. Scott, Secretary  
Richard D. Jackson, Acting Treasurer

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND FIFTY-NINTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, July 11, 1980

The Board of Trustees met at its regular monthly meeting on Friday, July 11, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Chester Devenow, Chairman, Patricia D. James, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, and Leonard J. Immke.

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Minutes of the last meeting were approved.

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July 11, 1980 meeting, Board of Trustees

The Chairman, Mr. Devenow, called the meeting of the Board of Trustees to order at 12:00 noon. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering personnel-related issues.

Present: Chester Devenow, Chairman, Patricia D. James, Warren J Smith, John D. Jacob, and Leonard J. Immke.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

## RESOLUTIONS IN MEMORIAM

Resolution No. 81-1

*Synopsis: Resolutions honoring the service of four of this University's faculty members who have recently died are being proposed.*

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Galbreath, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Ernest R. Godfrey

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 12, 1980, of Ernest R. Godfrey, Professor Emeritus in the School of Health, Physical Education, and Recreation.

Ernest R. Godfrey was a member of The Ohio State University Department of Athletics from 1929 until his retirement in June, 1962. During this 33-year period, he was always identified with the intercollegiate football program. As a coach, counselor, and coordinator of the work program for athletes, Mr. Godfrey was a positive influence on over 3,000 student athletes at Ohio State. Through his efforts in the job program, countless student athletes were able to finance educational costs and earn degrees.

Mr. Godfrey was born April 19, 1892 in Dover, Ohio. He entered Ohio State University in the Fall of 1911 and graduated in 1915 with a B.A. degree. As an undergraduate, he played football and basketball. After college, he coached football at Wooster High School in 1915, and the following year became athletic director and head football coach at Wittenberg College. He served in the U. S. Army for two years in World War I but returned to Wittenberg after his discharge in 1919. During the 11-year period at Wittenberg, Mr. Godfrey's football teams won 63 and lost 24, while his basketball teams compiled a 95-65 record.

In 1929, he came to Ohio State and began a long and distinguished career as a successful and well-respected assistant football coach and administrator. He became a national authority on the art of place-kicking, developing a number of great place-kickers at Ohio State. He was in great demand as a clinic speaker and lecturer on this specialty.

July 11, 1980 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Ernest R. Godfrey (contd)

Mr. Godfrey was inducted into the National Football Foundation and Hall of Fame in 1972. The largest single Hall of Fame chapter in the nation, in Columbus, Ohio, is named after him.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Preston M. Harris

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 11, 1980, of Preston M. Harris, Professor Emeritus in the Department of Chemistry.

Professor Harris was born in Springfield, Ohio, on March 28, 1902. He began his professional career at Wittenberg College where he obtained the A.B. degree in 1924. He earned M.A. and Ph.D. degrees in Chemistry at The Ohio State University in 1925 and 1928, respectively. He held teaching appointments at Kansas State University in 1925-26 and at Ohio Northern University in 1927-28. After completing the Ph.D. degree, Dr. Harris was appointed as a National Research Fellow in Physics at the University of Chicago in 1929. Subsequently, he was a Research Associate at Princeton University in 1930, a Loomis Institute Fellow in 1931, and a Research Associate at Ohio State from 1932-34. He was appointed as Instructor in Chemistry at Ohio State in 1934, promoted to Assistant Professor in 1938, Associate Professor in 1942, and Professor in 1945. During 1943-45, Dr. Harris worked on the Manhattan District Project for the University of California. He retired from the Department of Chemistry in 1972; he then was appointed Professor Emeritus by the Board of Trustees at The Ohio State University.

Professor Harris' research was concerned with pioneering methods for the determination of crystal structures by x-ray and neutron diffraction. As a part of that research, Professor Harris and his students developed explanations for the process of crystallization, order-disorder transformations in solids, and charge distributions and vibrations of lithium salts in the solid state. He also developed a photo cell for the Army's Engineering, Research, and Development Laboratory.

Dr. Harris was a member of the American Physics Society, the American Crystallographic Society, Sigma Xi, and he was elected as an associate member of the Phi Lambda Upsilon and Gamma Alpha honoraries.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

July 11, 1980 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Richard B. Hull

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 15, 1980, of Richard B. Hull, Professor Emeritus in the Department of Communication.

Professor Hull was born February 14, 1914, in Charles City, Iowa, and received his bachelor of science degree from Iowa State College in 1938. He later attended the Army Special Training Unit at Oregon State College and served with the U. S. Army Signal Corps during World War II.

A member of the Ohio Educational Television (now Broadcasting) Network Commission from its creation in 1961, he served as its only chairman until the expiration of his fourth term in 1976. It was in his honor that the name of the Network Operations, Tape Duplicating, and Switching Center in Columbus was changed in late 1975 to the Richard B. Hull Operations Center.

Professor Hull was associated with journalism and speech faculties at Iowa State University and with the communication and education faculties at The Ohio State University. While at Iowa State, from 1941 to 1955, he was director of WOI Radio and was cited for his leadership in the development of WOI-TV, the first college-owned commercial television channel in the country. Immediately before joining the Ohio State faculty in 1956, he headed a national one-year study of educational television sponsored by the Ford Foundation Fund for Adult Education on behalf of the National Educational Television and Radio Center. In 1975, he retired as director of the Telecommunications Center.

Professor Hull was the first executive director of the Joint Council on Educational Television. He also served as president of the Ohio Council on Educational Television and as vice-chairman of the Ohio Governor's Interim Commission on Educational Television.

He was a member of the board of directors of the National Educational Television and Radio Center in New York City, a member of the instructional technology committee of the North Central Association of Colleges and Secondary Schools, and was chairman of the Great Plains National Instructional Television Library Advisory Board. He also served as president and board chairman of the National Association of Educational Broadcasters (NAEB), and represented the NAEB at a 76-nation International Conference on School Broadcasting in Rome in 1962 and in Tokyo in 1964 where he served as chairman of the commission on correspondence study.

Among the many awards and citations he received during his career in educational broadcasting were the 1972 "Broadcast Citizen of the Year" award from Miami University (Ohio) Telecommunications Center; the "Distinguished Public Service Award" for leadership as chairman of the Ohio Educational Television Network Commission, from Ohio University in 1973; and a "Special Award for Distinguished Service" from the Central Educational Network in 1976.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

July 11, 1980 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Alva M. Tuttle

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 21, 1980, of Alva M. Tuttle, Associate Professor Emeritus, Department of Economics.

Dr. Tuttle was a native of Indiana and lived there until completing his bachelor's degree at Butler University in 1923. He received the Master of Arts degree from the State University of Iowa in 1928, and the Ph.D. degree in economics from Ohio State University in 1947..

Professor Tuttle began his teaching career at the University of Wisconsin, where he taught from 1929 to 1933. He subsequently served the federal government as an economic statistician for nine years. He then came to Ohio State University in 1943 and remained an active teacher and scholar until his retirement in 1966.

Professor Tuttle published numerous articles in professional journals. He also published an introductory text in business and economic statistics which was used in published and unpublished form by a generation of students in the College of Administrative Science. Dr. Tuttle firmly believed that "practice is the way to learn statistical techniques." For over 20 years those who passed through his laboratory course learned well the real meaning of that pedagogical philosophy.

Dr. Tuttle was active in the affairs of the American Statistical Association and served for several years on its board of directors. He also was a member of and active supporter of the campus chapter of Beta Gamma Sigma.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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## AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY

Resolution No. 81-2

*Synopsis: Amendments to the Rules of the University Faculty are proposed.*

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to the *Rules of the University Faculty* as approved by the University Senate; and

WHEREAS the proposed changes in the *Rules of the University Faculty* were approved by the University Senate on June 7, 1980, as follows:

**AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)**

**3335-5-612 Committee on women and minorities.**

- (A) The committee on women and minorities shall consist of eleven members as follows:
- (1) Six members of the university faculty;
  - (2) One undergraduate student;
  - (3) One graduate student;
  - (4) One professional student;
  - (5) Vice provost for minority affairs, or his designee, non-voting;
  - (6) The director of affirmative action, or his designee, non-voting.

**3335-7-23 Alteration of marks.**

- (A) A mark filed in the office of registration, records and scheduling is a part of the official records of the university. It is subject to change only when a procedural error has been discovered in evaluation or recording of a grade. Action to change a grade must be initiated before the end of the second succeeding quarter. In no case will a grade be revised in accordance with criteria other than those applied to all students in the class. If the instructor agrees that an error in the mark was made, the mark will be changed upon written authorization of:
- (1) The instructor of the course,
  - (2) The instructor's department chairman,
  - (3) The director of the instructor's school, if applicable,
  - (4) The dean of the instructor's college, and
  - (5) The authorized representative of the dean or director of the student's enrollment unit.

If a student believes that a procedural error in grading was made, the student should meet with the instructor. If the instructor does not agree that a procedural error was made, the student may meet with the department chairman to discuss the grade grievance. The chairman shall respond to the student no later than thirty days after the student has requested a review by the chairman. Upon receipt of the chairman's response, if the issue is not resolved to the satisfaction of the student, the student may within two weeks request in writing by duplicate submission to the dean or director of

**AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)**

the instruction unit and the department chairman the procedures in paragraph (B) of this rule. Unresolved cases of grade grievance due to grading procedures are subject to paragraph (B) of this rule; unresolved cases of grade grievance due to other causes are not subject to paragraph (B) of this rule.

- (B) Unresolved cases of grade grievances due to grading procedures shall be reviewed by a faculty departmental committee appointed by the department chairman.

- (1) In cases of instructors still affiliated with the university, the review committee shall consult both the student and the instructor and shall determine the validity of the grade grievance due to grading procedures. The review committee shall make its findings known in writing to both the student and the instructor within thirty days of the student's request to the chairman.

If the committee finds that a procedural error has occurred and if the instructor declines to accept the findings of the review committee, the committee shall consider the reasons for not authorizing a grade change given by the instructor and may, upon consideration of these reasons, authorize in writing a grade change to be instituted by the department chairman.

- (2) In cases of instructors no longer affiliated with the university, the findings of the committee shall be reported to both the student and the instructor. If the instructor chooses not to respond, the judgment of the committee shall prevail. If the instructor responds and declines to accept the findings of the committee that a procedural error has occurred, the committee shall consider the reasons for not authorizing a change given by the instructor. In either case, the committee may, upon due consideration, authorize in writing a grade change (if such can be determined) to be instituted by the department chairman.

If a department committee can find no academic basis upon which to recommend an appropriate grade for the course, the student shall be given the option of having the course stricken from the student's record and, if so desired, to retake that course without prejudice or penalty.

- (C) If charges of grave academic misconduct against an instructor are made and substantiated under rule 3335-5-04 of the Administrative Code, the department chairman shall be authorized to appoint a department grade grievance committee to consider grading errors that are alleged to be related to the misconduct. The committee shall consider all evidence and present, in writing, a report to the chairman indicating any recommended grade changes. The department chairman shall be authorized to institute grade changes in accordance with the recommendations of the committee.

July 11, 1980 meeting, Board of Trustees

**AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)**

If a department committee can find no academic basis upon which to recommend an appropriate grade for the course, the student shall be given the option of having the course stricken from the student's record and, if so desired, to retake that course without prejudice or penalty.

- (D) The graduate school and graduate professional colleges may formulate appropriate modifications of this rule, subject to the approval of the council on academic affairs, and publish this rule in their bulletins.

**3335-9-30 Requirements for an undergraduate baccalaureate degree.**

To obtain an undergraduate baccalaureate degree from this university, an undergraduate student must:

- (A) Have earned a minimum of forty-five quarter hours credit through regular course enrollment at this university.
- (B) Have been enrolled in the college, the colleges of the arts and sciences, or the school recommending that degree during the last quarter necessary to complete degree requirements. The executive committee of the college, the colleges of the arts and sciences, or the school recommending the degree may, on petition by the student, waive this requirement.
- (G) Except for paragraph (B) of this rule, waiver of any part of this rule in the case of individual students may be made only by the council on academic affairs following prior approval by the appropriate executive committee. The provost shall transmit all affirmative actions of the council on academic affairs under this paragraph to the secretary of the student's college and to the director of registration, records and scheduling for notation on the student's permanent record.

**NOW THEREFORE**

**BE IT RESOLVED**, That the foregoing amendments to *Rules of the University Faculty* be adopted by the Board of Trustees for inclusion in the next publication of the *Rules of the University Faculty*.

Upon motion of Mr. Havens, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**MERGER OF DIVISIONS OF MEDICINAL CHEMISTRY AND PHARMACOGENOSY/  
NATURAL PRODUCTS CHEMISTRY - COLLEGE OF PHARMACY**

Resolution No. 81-3

*Synopsis: The merger of two divisions in the College of Pharmacy is being proposed.*



July 11, 1980 meeting, Board of Trustees

**MERGER OF DIVISIONS OF MEDICINAL CHEMISTRY AND PHARMACOGNOSY/  
NATURAL PRODUCTS CHEMISTRY - COLLEGE OF PHARMACY (contd)**

WHEREAS the College of Pharmacy has requested the present Division of Medicinal Chemistry and Division of Pharmacognosy/Natural Products Chemistry be united in a single administrative unit entitled Division of Medicinal Chemistry and Pharmacognosy; and

WHEREAS the teaching, research, and service activities of the two divisions are complementary; and

WHEREAS unification will reduce administrative and committee commitments for the faculty of the divisions; and

WHEREAS existing curricula will continue for the present; and

WHEREAS the Council on Academic Affairs has approved the proposed merger:

NOW THEREFORE

BE IT RESOLVED, That the merger of two divisions of the College of Pharmacy--the Divisions of Medicinal Chemistry and Pharmacognosy/Natural Products Chemistry be united as a single administrative unit to be known as the Division of Medicinal Chemistry and Pharmacognosy, as recommended by the University Senate, June 7, 1980, be approved.

Upon motion of Mr. Smith, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**NEW DEGREE PROGRAM - BACHELOR OF SCIENCE IN AVIATION**

Resolution No. 81-4

*Synopsis: Bachelor of Science in Aviation degree is proposed.*

WHEREAS the Department of Aviation has requested approval of the baccalaureate degree, Bachelor of Science in Aviation; and

WHEREAS the proposal has received the approval of the appropriate faculty and administrative councils and committees in the College of Engineering; and

WHEREAS the objective of the program is to prepare graduates to participate as professionals in the air transportation industry and in aviation-related government agencies; and

WHEREAS student interest in an aviation degree is substantial and growth projections in the air transportation industry forecast numerous employment opportunities; and

WHEREAS existing faculty, courses, equipment, and space are adequate to the present needs of such a degree program; and

July 11, 1980 meeting, Board of Trustees

**NEW DEGREE PROGRAM - BACHELOR OF SCIENCE IN AVIATION (contd)**

WHEREAS the Council on Academic Affairs has carefully examined the proposal submitted by the Department of Aviation and has approved same:

NOW THEREFORE

BE IT RESOLVED, That the foregoing proposal from the University Senate, which was approved June 7, 1980, be adopted.

Upon motion of Mr. Hilliker, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**NEW PROFESSIONAL DEGREE PROGRAM - DOCTOR OF PHARMACY**

Resolution No. 81-5

*Synopsis: A new professional degree program - Doctor of Pharmacy is being proposed.*

WHEREAS the College of Pharmacy has requested approval to offer a new post-baccalaureate professional degree, the Doctor of Pharmacy; and

WHEREAS the Doctor of Pharmacy degree will provide a clinical practice curriculum not presently available in either the baccalaureate or master's programs offered by the College of Pharmacy; and

WHEREAS the Doctor of Pharmacy degree is offered in many other universities and colleges and has acceptance in the profession, and employment opportunities for post-baccalaureate Doctor of Pharmacy graduates are varied and generally excellent; and

WHEREAS faculty and other resources currently existing in the College will be used to support the new program; and

WHEREAS the Council on Academic Affairs has examined the proposed program carefully and given its approval:

NOW THEREFORE

BE IT RESOLVED, That the proposal, as approved by the University Senate on June 7, 1980, be adopted by the Board of Trustees.

Upon motion of Mr. Smith, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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July 11, 1980 meeting, Board of Trustees

## **NAMING OF CHADWICK ARBORETUM**

Resolution No. 81-6

*Synopsis: Naming of horticultural gardens adjacent to Agricultural Administration Building is proposed.*

WHEREAS Professor Emeritus L. C. Chadwick is recognized as one of the most preeminent plantsmen in America; and

WHEREAS Professor Chadwick was employed for 38 years in the Department of Horticulture and was engaged in teaching, research, and extension; and

WHEREAS it is now desired to designate the present horticultural gardens and other areas within the agricultural complex to recognize some of the outstanding accomplishments of Professor Chadwick, who was responsible for tree plantings throughout the campus:

NOW THEREFORE

BE IT RESOLVED, That the present horticultural gardens near West Lane Avenue and Fyffe Road (adjacent to the Agricultural Administration Building) and areas of garden expansion be designated as the Chadwick Arboretum and that appropriate labeling of campus trees be accomplished.

Upon motion of Mr. Hilliker, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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## **APPOINTMENT OF TRUSTEES TO THE OHIO LEGAL CENTER**

Resolution No. 81-7

*Synopsis: A recommendation for appointment of two trustees to The Ohio Legal Center is proposed.*

WHEREAS in compliance with the Code of Corporate Regulations of The Ohio Legal Center, the Board of Trustees of The Ohio State University approves appointment of trustees from the faculty membership of the College of Law; and

WHEREAS Professor L. Orin Slagle, Jr., will be terminating his service in the College of Law and Professor Lawrence Herman has indicated his desire to be relieved of membership as trustee of The Ohio Legal Center:

NOW THEREFORE

BE IT RESOLVED, That Professor Claude R. Sowle and Assistant Dean Robert Carter be appointed as trustees of The Ohio Legal Center, effective July 1, 1980.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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July 11, 1980 meeting, Board of Trustees

## **DEGREES AND CERTIFICATES - SUMMER QUARTER COMMENCEMENT**

Resolution No. 81-8

*Synopsis: Approval is being requested for awarding degrees and certificates for Summer Quarter Commencement.*

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit the names of persons who have completed degree and certificate requirements in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on August 29, 1980, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Mr. Havens, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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## **REVISED BUDGET 1980-81**

Resolution No. 81-9

*Synopsis: A revised Current Funds Budget for 1980-81 is proposed.*

President Enarson:

Next is the matter of the revised budget for 1980-81. This matter was presented by Dr. Vandament this morning--it took the better part of an hour. Most of the Trustees were there, although not everyone. Briefly, the Board adopted the budget the very day that the Governor had announced a 3 per cent cut. The heart of the matter is our recommendation that we, in effect, divide the pain on this, and what we are proposing is a three-part program. One is a \$10 per quarter increase in the instructional fee, the second part is cancellation of the hoped-for mid-year increase of 3 per cent averaged over all the faculty, and third is a commitment for cutting on the unrestricted funds budget on the order of--what is it--\$1,790,000. The students' share of the cost of instruction averages roughly 28-30 per cent; that's roughly the proportion which is reflected here. I am sure Dr. Vandament will be pleased to respond to any questions that anyone may have. This was acted upon by the committee and should be presented by its chairman.

### REVISED BUDGET 1980-81 (contd)

*Introduction.* The 3 percent cut in State support for the University, announced by the Governor on June 12, will result in an income loss of \$5.42 million for 1980-81, with the Unrestricted General Funds absorbing \$4.35 million of the total loss. In this proposed budget revision, the burden of this cut is shared by the students and the programs of the University.

It is proposed that instructional fees be increased an additional \$10 per quarter, resulting in a total instructional fee increase of \$30 per quarter in 1980-81. This increase honors the commitment made in March, prior to our knowledge of any State funding loss, to limit the undergraduate fee increase to \$30. This \$10 increase will replace \$1.2 million, or 28 percent, of the loss and parallels the 28 percent share of the Unrestricted General Funds provided by student fees in the original 1980-81 Budget. The University will make expenditure cuts totaling \$3.15 million to cover the remaining 72 percent of the Unrestricted Funds loss.

The University's 1980-81 Current Funds Budget was presented to, and adopted by, the Board on June 12, 1980. On that same day, the Governor announced that a shortfall in State revenues would result in a cut of 3 percent in the funds provided in 1980-81 for the State's agencies and programs. This revised University budget contains a proposed plan of action in response to that reduction of State support.

The 3 percent reduction from previous appropriation levels will have the following effects on the 1980-81 University budget adopted on June 12.

Unrestricted General Funds (Columbus)	- \$4,354,300
Regional Campuses	- 194,900
Cooperative Extension Service	- 203,700
University Hospitals	- 387,800
Other Designated Activities (e.g., Labor Education and Research)	- 274,600
<b>TOTAL</b>	<b>-\$5,415,300</b>

Plans for budget cuts are being prepared in each of the areas listed above. This budget revision for 1980-81 contains those changes that must be made in the projected expenditures and income of all the affected units.

The adjustments to the Unrestricted General Funds require special attention because these funds--formed by pooling State Instructional Subsidies, student fees, and other unrestricted income--provide the primary support for the academic and administrative support programs of the Columbus Campus. The 3 percent cut in State Instructional Subsidies will reduce the Unrestricted General Funds by \$4.35 million from its current base of \$236.6 million. The Unrestricted General Funds Budget for 1980-81 adopted on June 12 fell far short of meeting inflationary costs faced by the University--containing an increase of only 6.1 percent, or \$13.5 million, from the 1979-80 level--and relied heavily on savings made during the 1979-80 fiscal year. Adjustment to the \$4.35 million loss in State support will obviously be difficult.

July 11, 1980 meeting, Board of Trustees

### REVISED BUDGET 1980-81 (contd)

The following proposed budget revisions distribute the effects of the loss in State support among the three interrelated aspects of the University's budget--student fees, faculty/staff compensation, and program support.

	Income/Savings Gain
Increase Instructional Fees by \$10 per Quarter	\$1,325,000
Less: Increased Student Compensation	125,000
Net Fee Income	\$1,200,000
Eliminate 3 Percent Midyear Salary Increase	1,360,000
Retrench College and Office Program Support	1,790,000
TOTAL	\$4,350,000

The preceding actions will replace \$1.2 million of the \$4.35 million income loss through student fees, and result in a decrease of approximately \$3.15 million in unrestricted income and expenditure from the 1980-81 budget. With these adjustments, changes in the Unrestricted General Funds expenditures from 1979-80 levels will be as follows:

Estimate 1979-80	Proposed 1980-81	Increase
\$222,845,200	\$233,323,400	+\$10,478,200 +4.7%

*Student Fees.* It is proposed that instructional fees at all levels be increased by \$10 per quarter, effective for the Autumn Quarter, 1980. The resulting fee schedule for 1980-81 is shown in the tabular material. The income generated from student fees represented 28 percent of our unrestricted income in our June 12 budget, and this increase will offset \$1.2 million, or 28 percent, of the \$4.35 million shortfall in State funding.

For undergraduate students, this increase--when combined with the earlier rise of \$20--results in a total quarterly change of \$30 per quarter from a 1979-80 level of \$265 to \$295 for 1980-81. This increase is consistent with our announcement in March, 1980 that undergraduate instructional fee increases would not exceed \$30 per quarter. When both Instructional and General fees are combined, a total increase of \$35 raises undergraduate fees from \$335 to \$370 per quarter, a 10.4 percent rise from 1979-80 levels.

*Midyear Salary Increases.* The budget adopted on June 12 contained provisions for a 3 percent across-the-board increase in faculty and administrative and professional staff salaries to be effective at midyear. This portion of the budget was adopted with the understanding that it would be implemented if earlier projections of revenue were upheld. Given the shortfall in State funding, and indications that inflation rates may be lower than originally projected, it is proposed that the salary issue be the subject of continuing study during the year.

July 11, 1980 meeting, Board of Trustees

### REVISED BUDGET 1980-81 (contd)

*Retrenchment of Program Support.* Studies are currently in progress to reduce expenditures in offices and colleges by \$1.8 million. The information compiled in the development of the 1980-81 budget is under extensive review in the Office of Academic Affairs and the Office of Finance and Planning. Following this review, sessions to revise the budget will be scheduled with the Vice Presidents and Deans. We will place a high priority on protecting core academic and support activities in developing a retrenchment plan that will be announced in September. However, no administrative or academic unit can be immune from close examination during this activity.

We will provide further information to the Board on our fiscal status at its September meeting.

WHEREAS the Board of Trustees adopted the Current Funds Budget for 1980-81 in June, 1980 with the understanding that a reduction in State support might necessitate later revisions; and

WHEREAS a reduction of 3 percent in funds provided by the State has been announced:

NOW THEREFORE

BE IT RESOLVED, That the following Revised Budget for the fiscal year 1980-81, including a revised schedule of fees, be approved.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

THE OHIO STATE UNIVERSITY  
1980-81 CURRENT FUNDS BUDGET  
BUDGETED EXPENDITURES FOR 1980-81  
(IN THOUSANDS)

	1980-81 Original Budget	1980-81 Proposed Revised Budget
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$177,491	\$174,967
Libraries	11,060	10,984
Other Academic Support	3,808	3,743
Sponsored Programs Administration	6,322	6,307
Student Services	9,962	9,888
Plant Operation	28,729	28,660
Institutional Support	19,763	19,575
Total Instruction and General	\$257,135	\$254,124

July 11, 1980 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
1980-81 CURRENT FUNDS BUDGET  
BUDGETED EXPENDITURES FOR 1980-81  
(IN THOUSANDS) (contd)

	1980-81 Original Budget	1980-81 Proposed Revised Budget
Columbus Campus (contd)		
Sponsored Research		
Federally Sponsored Programs	\$ 35,980	\$ 35,980
Other Externally Sponsored Programs	10,487	10,431
Internally Sponsored Programs	517	511
Total Sponsored Research	\$ 46,984	\$ 46,922
Public Service		
University Hospitals	\$100,570	\$100,182
Cooperative Extension Service	22,251	22,044
Externally Sponsored Programs	16,224	16,062
Internally Sponsored Programs	5,608	5,572
Total Public Service	\$144,653	\$143,860
Student Aid	\$ 7,019	\$ 7,019
Auxiliaries		
Student Housing	\$ 24,502	\$ 24,502
Intercollegiate Athletics	10,326	10,326
University Bookstores	6,119	6,119
Student Health Service	2,954	2,925
Student Unions	2,885	2,885
Parking Facilities	3,247	3,247
University Airport	2,567	2,567
Fawcett Center for Tomorrow	1,767	1,767
Other	886	886
Total Auxiliaries	\$ 55,253	\$ 55,224
TOTAL COLUMBUS CAMPUS	\$511,044	\$507,149
Regional Campuses		
Administration	\$ 197	\$ 197
Lima Campus	2,711	2,700
Mansfield Campus	2,700	2,700
Marion Campus	1,554	1,554
Newark Campus	2,222	2,222
Agricultural Technical Institute	2,916	2,910
Wright-Patterson Graduate Center	100	100
TOTAL REGIONAL CAMPUSES	\$ 12,400	\$ 12,383
GRAND TOTAL	\$523,444	\$519,532



July 11, 1980 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
1980-81 CURRENT FUNDS BUDGET  
SOURCES OF INCOME TO SUPPORT 1980-81 BUDGET  
(IN THOUSANDS)

	1980-81 Original Estimate	1980-81 Revised Estimate
Columbus Campus		
Government Appropriations		
State of Ohio	\$174,009	\$168,789
Federal	67,671	67,671
Other	8,312	8,312
Subtotal	\$249,992	\$244,772
Student Fees		
Instruction and General	\$ 67,265	\$ 68,590
Room and Board	19,900	19,900
Other	3,997	3,997
Subtotal	\$ 91,162	\$ 92,487
Other Income		
Auxiliary Sales and Charges	\$121,751	\$121,751
Department and University Services	15,374	15,374
Endowment Income	4,782	4,782
Gifts and Grants	20,553	20,553
Temporary Investments	7,500	7,500
Subtotal	\$169,960	\$169,960
TOTAL COLUMBUS CAMPUS	\$511,114	\$507,219
Regional Campuses		
Lima Campus	\$ 3,043	\$ 3,028
Mansfield Campus	3,115	3,104
Marion Campus	1,820	1,819
Newark Campus	2,640	2,636
Agricultural Technical Institute	3,175	3,194
Wright-Patterson Graduate Center	100	100
TOTAL REGIONAL CAMPUSES	\$ 13,893	\$ 13,881
GRAND TOTAL	\$525,007	\$521,100

July 11, 1980 meeting, Board of Trustees

**SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1980**

College or School	Credit Hours Enrolled	Instructional	General	Resident Total	Out-of-State Tuition	Non- Resident Total
<b>Undergraduate</b>						
Administrative Science						
Agriculture and Home Economics						
Allied Medical Professions						
Architecture						
The Arts						
Biological Sciences	0-1	\$ 49	\$ 9	\$ 58	\$ 38	\$ 96
Continuing Education	2	62	14	76	76	152
Dental Hygiene	3	74	19	93	114	207
Education	4	98	25	123	152	275
Engineering	5	123	31	154	190	344
Health, Physical Education and Recreation	6	147	38	185	228	413
	7	172	44	216	265	481
Humanities	8	197	50	247	303	550
Journalism	9	221	56	277	341	618
Mathematical and Physical Sciences	10	246	62	308	379	687
	11	270	69	339	417	756
Music	12 or more	295	75	370	455	825
Natural Resources						
Nursing						
Pharmacy						
Social and Behavioral Sciences						
Social Work						
University College						

## SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1980 (contd)

College or School	Credit Hours Enrolled	Instructional	General	Resident Total	Out-of-State Tuition	Non- Resident Total
Graduate School	0-1	\$ 49	\$ 9	\$ 58	\$ 45	103
	2	79	15	94	91	185
	3	119	22	141	136	277
	4	158	30	188	182	370
	5	198	37	235	227	462
	6	237	45	282	273	555
	7	277	52	329	318	647
	8	316	60	376	364	740
	9	356	67	423	409	832
	10 or more	395	75	470	455	925
Graduate Professional						
Law	0-3	\$105	\$19	\$124	\$145	\$ 269
	4	140	25	165	193	358
	5	175	31	206	242	448
	6	210	38	248	290	538
	7 or more	420	75	495	580	1,075
Medicine	0-3	\$191	\$19	\$210	\$145	\$ 355
	4	255	25	280	193	473
	5	319	31	350	242	592
	6	382	38	420	290	710
	7 or more	765	75	840	580	1,420
Dentistry Optometry Veterinary Medicine	0-3	\$146	\$19	\$165	\$145	\$ 310
	4	195	25	220	193	413
	5	244	31	275	242	517
	6	292	38	330	290	620
	7 or more	585	75	660	580	1,240

**SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1980 (contd)**

College or School		Credit Hours Enrolled	Instructional	General	Resident Total	Out-of-State Tuition	Non- Resident Total
University Regional Campuses							
Undergraduate		0-1	\$ 49	\$ 9	\$ 58	\$ 38	\$ 96
		2	62	12	74	76	150
		3	74	15	89	114	203
		4	98	20	118	152	270
		5	123	25	148	190	338
		6	147	30	177	228	405
		7	172	35	207	265	472
		8	197	40	237	303	540
		9	221	45	266	341	607
		10	246	50	296	379	675
		11	270	55	325	417	742
		12 or more	295	60	355	455	810
Graduate		0-1	\$ 49	\$ 9	\$ 58	\$ 45	\$103
		2	79	12	91	91	182
		3	119	18	137	136	273
		4	158	24	182	182	364
		5	198	30	228	227	455
		6	237	36	273	273	546
		7	277	42	319	318	637
		8	316	48	364	364	728
		9	356	54	410	409	819
		10 or more	395	60	455	455	910

July 11, 1980 meeting, Board of Trustees

**SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1980 (contd)**

Undergraduate students enrolled in any quarter, term, or period for twelve or more credit hours will be assessed full fees. Fees for undergraduate students enrolled for eleven or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the fees for fewer than three credit hours as shown above and with the minimum Instructional and General fees being \$58 for zero or one credit hour.

Graduate students enrolled in any quarter, term, or period for ten or more credit hours will be assessed full fees. Fees for graduate students enrolled for nine or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the fees for fewer than three credit hours as shown above and the minimum Instructional and General fees being \$58 for zero or one credit hour.

Graduate professional students (those enrolled in any quarter, term, or period for seven or more credit hours) will be assessed full fees. Fees for graduate professional students enrolled for six or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the minimum fee for fewer than three credit hours being the fee for three credit hours.

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**HONORARY DEGREE**

Resolution No. 81-10

*Synopsis: Approval is requested for awarding an honorary degree.*

WHEREAS pursuant to paragraph (C) of rule 3335-3-03 of the Administrative Code, the President, after consultation with the Steering Committee of the University Senate, recommended to the Board of Trustees awarding of an honorary degree as listed below:

Marshall D. Shulman

Doctor of Laws

NOW THEREFORE

BE IT RESOLVED, That the above honorary degree be awarded in accordance with the recommendation at a time convenient to the University and the recipient.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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July 11, 1980 meeting, Board of Trustees

## PERSONNEL ACTIONS

Resolution No. 81-11

*Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments; New and/or Reappointment of Chairmen of Departments and Division and Director of School; Leaves of Absence Without Salary; Professional Improvement Leave; and Emeritus Titles are recommended for approval.*

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the June 12, 1980 meeting of the Board, including the following Appointments; New and/or Reappointment of Chairmen of Departments and Division and Director of School; Leaves of Absence Without Salary; Professional Improvement Leave; and Emeritus Titles as detailed in the University Budget for 1979-80, be approved.

### Appointments

Name: CHESTER C. WINTER  
Title: Professor (Louis Levy Professor)  
Department: Surgery  
Effective: July 1, 1980  
Salary: \$35,040.00 (12-month)  
Present Position: Professor, Department of Surgery

Name: SIDNEY D. JEFFE  
Titles: Director, Transportation Research Center of Ohio, Engineering Experiment Station, and Adjunct Professor, Department of Mechanical Engineering  
Effective: Immediately  
Salary: \$51,960.00 (12-month)  
Present Position: Vice President of Engineering, Chrysler Corporation

New and/or Reappointment of Chairmen of Departments and Division and Director of School

July 1, 1980 through June 30, 1984

Agronomy	Berlie L. Schmidt
Food Science and Nutrition	Thorvald Kristoffersen
Home Economics Education	Lena M. Bailey
Natural Resources	Gordon E. Gatherum
Textiles and Clothing	Lois E. Dickey

October 1, 1980 through September 30, 1982

<sup>1</sup> Comparative Studies	Marilyn R. Waldman
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October 1, 1980 through September 30, 1981

<sup>2</sup> Labor and Human Resources	Samuel C. Kelley
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<sup>1</sup>New Appointment

<sup>2</sup>Acting Chairman

July 11, 1980 meeting, Board of Trustees

### **PERSONNEL ACTIONS (contd)**

#### **Leaves of Absence Without Salary**

LINNEA ANDERSON, Associate Professor, School of Allied Medical Professions, effective July 1, 1980 through August 31, 1980, to do professional writing.

MICHAEL L. BENEDICT, Associate Professor, Department of History, effective January 1, 1981 through March 31, 1981, to accept a Visiting Professorship at Massachusetts Institute of Technology.

WALTER D. CRAIG, Associate Professor, Department of Photography and Cinema, effective Summer Quarter 1980, Winter Quarter 1981, and Spring Quarter 1981, to accept a position as Coordinator of Faculty Development at Mount Mercy College, Cedar Rapids, Iowa.

JERRY F. DOWNHOWER, Associate Professor, Department of Zoology, effective October 1, 1980 through September 30, 1981, to serve as Program Director for the Population Biology and Physiological Ecology Program, Division of Biological Sciences, National Science Foundation, Washington, D. C.

RONALD L. ERNST, Associate Professor, Department of Computer and Information Science, to accept a Visiting Associate Professorship of Computer Science at North Carolina State University.

MARY S. BREESE, Assistant Professor, School of Allied Medical Professions, effective July 1, 1980 through August 31, 1980, for personal reasons.

KATHERINE HOCH, Assistant Professor, Department of English, effective July 1, 1980 through September 30, 1980, to do research.

DAPHNE C. HSUEH, Instructor, University Libraries, effective July 1, 1980 through August 31, 1980, to do research.

#### **Professional Improvement Leave**

JOHN D. BRIGGS, Professor, Department of Entomology, effective Autumn Quarter 1980 and Winter Quarter 1981.

#### **Emeritus Titles**

PAUL C. LEIDHEISER, Cooperative Extension Service, with the title Professor Emeritus, effective August 1, 1980.

TING Y. LI, Department of Aeronautical and Astronautical Engineering, with the title Professor Emeritus, effective July 1, 1980.

HOWARD R. SHOWALTER, Cooperative Extension Service, with the title Professor Emeritus, effective August 1, 1980.

ROBERT C. KIRK, Department of Medicine, with the title Clinical Associate Professor Emeritus, effective July 1, 1980.

July 11, 1980 meeting, Board of Trustees

### **PERSONNEL ACTIONS (contd)**

#### **Emeritus Titles (contd)**

FRANK J. LONGO, College of Social Work, with the title Associate Professor Emeritus, effective July 1, 1980.

RUTH J. SCOTT, Department of Psychology (Newark Campus), with the title Associate Professor Emeritus, effective August 1, 1980.

RUTH H. WHEELER, School of Health, Physical Education and Recreation, with the title Associate Professor Emeritus, effective July 1, 1980.

VICTOR W. HOFFMAN, Academic Faculty of Industrial Technology, with the title Assistant Professor Emeritus, effective July 1, 1980.

FRANCES HINMAN, Cooperative Extension Service, with the title Instructor Emeritus, effective July 1, 1980.

Upon motion of Mrs. James, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS**

Resolution No. 81-12

*Synopsis: The report on contracts, grants, and gifts and the summary for May are presented for Board acceptance.*

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

#### **NOW THEREFORE**

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Office of Business and Administration, the Engineering Experiment Station, and The Ohio State University Development Fund during the month of May, 1980, be approved.

Upon motion of Mr. Galbreath, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.



July 11, 1980 meeting, Board of Trustees

# **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

## **SUMMARY FOR MAY 1980**

Source	No. of Projects	Support Level
Office of Business and Administration	2	\$ 2,055.00
The Ohio State University Research Foundation	87	3,574,860.25
Engineering Experiment Station	42	212,321.00
		\$3,789,236.25
The Ohio State University Development Fund	4,511 Donors	\$1,433,986.60

### **Establishment of Named Funds**

The Chair in Food Industries (College of Agriculture and Home Economics)	\$ 21,000.00
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The Virgil Overholt Drainage Education and Research Fund (Department of Agricultural Engineering)	\$ 19,534.49
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The Earl Weaver Memorial Fund (College of Agriculture and Department of Ophthalmology)	\$ 8,000.00
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The Professorship in Plant Protection (College of Agriculture and Home Economics)	\$ 5,600.00
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### **Change in Description of Named Fund**

The Partners and Employees of Price Waterhouse Endowment Fund (Amended in accordance with request of donor)
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### **Report from Presidents Club**

Members to date	4,388
1980: year to date	1,002
New members - May 1980	11

### **New Presidents Club Members - May 1980**

Fredericka V. L. Caldwell	Ronald J. Kaplansky
Elisabeth Ecke	Stephen H. Lipson
Sheila D. Feinstein (Mrs. Donald L.)	Mary E. Ogle
John T. Heibel	Glenn R. Pirtle
Janice L. Hickey (Mrs. Jack W.)	Marvin D. Steed
Timothy L. Hooper	

Anthony S. Elia, New Presidents Club Member - April 1980, withdrew.

July 11, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **OFFICE OF BUSINESS AND ADMINISTRATION**

#### **Federal Research Contracts/Grants**

\$1,080.00 - Tennessee Valley Authority, Norris, Tennessee, Participation in Academic Enrichment Program, School of Natural Resources, June 16, 1980 through September 5, 1980.

\$975.00 - Tennessee Valley Authority, Norris, Tennessee, Participation in Academic Enrichment Program, School of Natural Resources, May 20, 1980 through September 1, 1980.

**TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS** **\$ 2,055.00**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

#### **Federal Research Contracts/Grants**

\$692,953.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Academic Faculty of Labor and Human Resources (M. Borus and H. Parnes), 1 October 1979 through 30 September 1980. (Project 760081 - Continuation)

\$153,675.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Vocational Technical Education Leadership Development, Graduate School - Administration (J. B. LaPidus) and Academic Faculty of Vocational-Technical Education (A. J. Miller), 1 September 1980 through 31 August 1981. (Project 761272 - Continuation)

\$121,180.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, A Model of Parainfectious Demyelinating Encephalitis, Department of Veterinary Pathobiology (A. Koestner) and Department of Physiological Chemistry (L. Horrocks), 1 May 1980 through 30 April 1981. (Project 762797 - Continuation)

\$107,760.00 - Environmental Protection Agency, Washington, D. C., DNA Damage in Human Lymphocytes as Indicators of Carcinogen Exposure, Department of Radiology (S. M. D'Ambrosio) and Department of Medicine (R. L. Whisler), 1 May 1980 through 30 April 1981. (Project 762158 - New)

\$99,521.00 - Tennessee Valley Authority, Chattanooga, Tennessee, Coal Pile Electromagnetic Sensing Research, Department of Electrical Engineering, Electro-Science Laboratory (J. Young), 17 April 1980 through 16 April 1981. (Project 762162 - New)

July 11, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **Federal Research Contracts/Grants (contd)**

\$93,741.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Physiology and Histopathology of Arterialized Vein Grafts, Department of Surgery (J. S. Vasko and J. F. Cornhill), 1 May 1980 through 30 April 1981. (Project 764036 - Continuation)

\$90,000.00 - Department of Health, Education, and Welfare, Office of Education, Bureau of Education for the Handicapped, Washington, D. C., Regular Education In-Service (Comprehensive Vocational Education for All Handicapped Persons: In-Service Support for Transition from Education to Work), National Center for Research in Vocational Education (R. E. Taylor), 1 June 1980 through 31 May 1981. (Project 762183 - New)

\$81,000.00 - Department of Health, Education, and Welfare, Office of Education, Bureau of Education for the Handicapped, Washington, D. C., Handicapped Pre-Service Personnel Preparation, School of Health, Physical Education, and Recreation (W. F. Ersing), 1 June 1980 through 31 May 1981. (Project 762175 - New)

\$79,624.00 - National Science Foundation, Washington, D. C., Synthesis and Isomerization Reactions of Novel Alicyclic Molecules, Department of Chemistry (L. A. Paquette), 1 September 1980 through 31 August 1981. (Project 761850 - Continuation)

\$74,800.00 - National Science Foundation, Washington, D. C., Dynamics, Synthesis and Structure of Carbanionic Substances, Department of Chemistry (G. A. Fraenkel), 1 July 1980 through 30 June 1981. (Project 762189 - Continuation)

\$67,786.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunotherapy of Experimental Lung Cancer, Department of Microbiology and Cancer Research Center (B. S. Zwilling), 1 August 1980 through 31 July 1981. (Project 760172 - Continuation)

\$66,387.00 - National Science Foundation, Washington, D. C., Syntheses and Studies of Selected Metal Carbonyl and Metalloborane Cluster Systems, Department of Chemistry (S. G. Shore), 1 September 1980 through 31 August 1981. (Project 761767 - Continuation)

\$65,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Scattering of Acoustic Waves by Finite Cylindrical Elastic Shells Immersed in Water, Department of Mechanics (V. K. Varadan and V. V. Varadan), 1 May 1980 through 30 April 1981. (Project 762148 - New)

July 11, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$62,626.00 - Environmental Protection Agency, Washington, D. C., Synergistic Effects of Short-Sized Chrysotile Fibers With Benzopyrene, Department of Radiology (R. E. Stephens), 1 May 1980 through 30 April 1982. (Project 762154 - New)

\$61,740.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Polymerized Tumor Antigen-Adjuvant Immunotherapy, Department of Medicine (J. A. Neidhart), 1 July 1980 through 30 June 1981. (Project 761757 - Continuation)

\$60,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Modelling of Turbulence in Free Shear Layers and Mixing Zones, Department of Aeronautical and Astronautical Engineering (S. L. Petrie and J. D. Lee), 1 June 1980 through 31 May 1981. (Project 762187 - New)

\$60,000.00 - Department of Health, Education, and Welfare, Office of Education, Bureau of Education for the Handicapped, Washington, D. C., Regular Education Preservice Deans' Grant for the Planning and Implementation of Faculty Development and Curriculum Adaptation Strategies Pursuant to Public Law 94-142, College of Education - Administration (R. A. Burnham), 1 June 1980 through 31 May 1981. (Project 762170 - New)

\$53,500.00 - National Science Foundation, Washington, D. C., Regional Labor Productivity Changes and the Geographic Redistribution of Employment and Population, Department of Geography (E. Casetti), 1 July 1980 through 30 June 1981. (Project 762152 - New)

\$51,149.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Ceramic Microstructure Development, Department of Ceramic Engineering (D. W. Readey), 1 April 1980 through 31 October 1980. (Project 762134 - New)

\$50,000.00 - Maryland Procurement Office, Fort George G. Meade, Maryland, Superdirective Arrays, Department of Electrical Engineering, ElectroScience Laboratory (E. Newman), 5 May 1980 through 5 March 1981. (Project 761428 - Continuation)

\$49,996.00 - Department of the Army, Army Corps of Engineers, Buffalo, New York, Lake Erie Watershed Reduced Tillage Practices, Cooperative Extension Service - State Operations (C. J. Cunningham) and Cooperative Extension Service - State Operations and Department of Agronomy (B. L. Schmidt), 1 October 1979 through 30 September 1980. (Project 761873 - New)

July 11, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **Federal Research Contracts/Grants (contd)**

\$46,932.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, An Interpretive Study of Plate and Shell Buckling, Department of Engineering Mechanics (A. W. Leissa), 15 February 1980 through 14 April 1981. (Project 762059 - New)

\$43,548.00 - National Science Foundation, Washington, D. C., Geology and Paleomagnetism of Mesozoic Rocks, Northern Antarctic Peninsula, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot), 1 June 1980 through 31 May 1981. (Project 761682 - Continuation)

\$42,196.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Survival Factors (Nodes, Histology), E-B Virus-Nasopharyngeal Carcinoma, Department of Otolaryngology (D. E. Schuller), 1 April 1980 through 31 March 1981. (Project 761591 - Continuation)

\$39,827.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Washington, D. C., Use of SEASAT Altimeter Data for the Improved Determination of the Geoid, Gravity Anomaly Field and Sea Surface Topography, Department of Geodetic Science (R. H. Rapp), 1 June 1980 through 30 May 1981. (Project 761378 - Continuation)

\$36,615.00 - National Science Foundation, Washington, D. C., Collaborative Research on the Development of the Soviet Unified Settlement System, Department of Geography (G. J. Demko), 1 June 1980 through 31 May 1982. (Project 762190 - New)

\$34,503.00 - National Science Foundation, Washington, D. C., Genesis of Mineralization Associated With Andean Intrusions, Northern Antarctic Peninsula Region, Institute of Polar Studies and Department of Geology and Mineralogy (D. E. Pride), 1 August 1980 through 31 May 1981. (Project 761769 - Continuation)

\$34,429.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Iris Pigmentation, Melanins and Ocular Drug Effects, College of Pharmacy (P. N. Patil), 1 June 1980 through 31 May 1981. (Project 764189 - Continuation)

\$33,135.00 - National Science Foundation, Washington, D. C., Workshops in Long-Range Planning in Systematics: Columbus, Ohio; New Haven, Connecticut; and Pittsburgh, Pennsylvania, Department of Botany (T. F. Stuessy), 1 June 1980 through 31 May 1981. (Project 762182 - New)

July 11, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$31,300.00 - National Science Foundation, Washington, D. C., Applications of Organosilicon Chemistry in Synthesis, Department of Chemistry (P. D. Magnus), 1 June 1980 through 31 May 1981. (Project 761162 - Continuation)

\$30,777.00 - National Science Foundation, Washington, D. C., Pre-College Teacher Development, Department of Physics (W. R. Riley), 1 May 1980 through 31 October 1981. (Project 762156 - New)

\$30,000.00 - National Science Foundation, Washington, D. C., Interactions of Chloroplast Membrane Proteins, Department of Biochemistry (E. L. Gross), 1 July 1980 through 30 June 1981. (Project 761212 - Continuation)

\$28,900.00 - National Science Foundation, Washington, D. C., Steric Effects in Polycyclic Aromatic Hydrocarbons, Department of Chemistry (M. S. Newman and D. W. Meek), 1 May 1980 through 30 April 1981. (Project 761602 - Continuation)

\$28,600.00 - National Science Foundation, Washington, D. C., Chemistry and Spectroscopy of High Energy Intermediates, Department of Chemistry (M. S. Platz), 1 June 1980 through 31 May 1981. (Project 761654 - Continuation)

\$28,339.00 - National Science Foundation, Washington, D. C., Analysis of Archaeological Material from Talc Malyan, Department of Anthropology (W. M. Summer), 1 June 1980 through 31 May 1981. (Project 761645 - Continuation)

\$27,656.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Effects of Processing and Storage on Human Milk, Department of Food Science and Nutrition (P. M. T. Hansen), 1 April 1980 through 31 March 1981. (Project 761475 - Continuation)

\$25,000.00 - Department of Energy, Chicago, Illinois, Support of Seminars on Energy and National Security, Program for Energy Research, Education, and Public Service, Graduate School - Administration (H. Bucknell, III), 5 May 1980 through 4 May 1981. (Project 762146 - New)

\$23,500.00 - National Science Foundation, Washington, D. C., Signal and Noise Generation in Curved and Flat Space-Times, Department of Mathematics (U. H. Gerlach), 15 May 1980 through 31 May 1982. (Project 762181 - New)

\$20,650.00 - National Science Foundation, Washington, D. C., Development of Collaborative United States-Japan Socio-Behavioral Disaster Research, Department of Sociology (E. L. Quarantelli), 1 June 1980 through 31 May 1981. (Project 762201 - New)

July 11, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$20,000.00 - Department of Agriculture, Science and Education Administration, New Orleans, Louisiana, Disappearing Disease of the Honey Bee, Department of Entomology (W. C. Rothenbuhler), 16 June 1980 through 15 June 1981. (Project 760706 - Continuation)

\$19,600.00 - National Science Foundation, Washington, D. C., Finite Simple Groups and BN-Pairs, Department of Mathematics (R. Solomon), 1 July 1980 through 30 June 1982. (Project 761177 - Continuation)

\$18,720.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, ADI Relaxation Algorithms Applied to Grid Generation, Department of Mechanical Engineering (S. Nakamura), 30 June 1980 through 30 June 1981. (Project 760964 - Continuation)

\$18,481.00 - Department of Agriculture, Forest Service, Broomall, Pennsylvania, Selection of Strains of Baculovirus of Choristoneura Resistant to Near Ultraviolet Radiation, Department of Entomology (G. Stairs), 1 May 1980 through 30 April 1981. (Project 762163 - New)

\$17,986.00 - National Science Foundation, Washington, D. C., Finitary Coding in Ergodic Theory, Department of Mathematics (A. Del Junco), 1 July 1980 through 30 June 1982. (Project 762160 - New)

\$16,750.00 - National Science Foundation, Washington, D. C., Directions in Model Theory and Set Theory, Department of Mathematics (H. M. Friedman), 13 May 1980 through 30 June 1981. (Project 761238 - Continuation)

\$16,256.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Development of Teaching Materials for Interdisciplinary Undergraduate Course in Transnational Approaches to International Studies, Office of Academic Affairs, Center for International Studies (J. S. Adams) and Department of History (M. Waldman), 1 July 1980 through 30 June 1981. (Project 762168 - New)

\$15,872.00 - National Science Foundation, Washington, D. C., Solution Partitioning in Spatial Mechanism Synthesis, Department of Mechanical Engineering (K. J. Waldron), 15 April 1980 through 31 March 1981. (Project 762151 - New)

\$15,003.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Update of CRASH II Computer Model Damage Tables, Department of Mechanical Engineering (D. A. Guenther), 1 April 1980 through 30 September 1980. (Project 762098 - New)

July 11, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$12,155.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Computer Modeling and Vehicle Collision Data Analysis, Department of Mechanical Engineering (J. Charles), 14 April 1980 through 15 September 1980. (Project 762054 - Continuation)

\$10,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Further Studies of the UV Spectra of Late-Type Stars, Department of Astronomy (R. F. Wing), 1 June 1980 through 31 May 1981. (Project 761634 - Continuation)

\$9,997.00 - Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Procurement Property and Facility Management Branch, Rockville, Maryland, Deviance Within the Model of Superior Formulary Performance, College of Pharmacy (T. D. Rucker), 8 May 1980 through 7 January 1981. (Project 762180 - New)

\$9,987.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Feasibility Study of Vehicle Tracking System, Department of Electrical Engineering, ElectroScience Laboratory (D. E. Svoboda and M. A. Poirier), 8 May 1980 through 8 September 1980. (Project 762173 - New)

\$9,230.00 - Department of Labor, Washington, D. C., Hearing Losses of Federal Employees, Department of Communication (E. J. Hardick) and Department of Otolaryngology (W. Melnick), 15 May 1980 through 4 October 1980. (Project 761897 - Continuation)

\$7,200.00 - Department of the Interior, Fish and Wildlife Service, Washington, D. C., Population Density and Habitat Selection by Breeding Yellow Rails at Seney National Wildlife Refuge, Michigan, Department of Zoology (T. A. Bookhout), 1 May 1980 through 30 June 1981. (Project 761561 - Continuation)

\$7,000.00 - Department of Health, Education, and Welfare, Office of Education, Bureau of Education for the Handicapped, Washington, D. C., The Ohio State University Preservice/Inservice Training Project for Special Education Personnel, Academic Faculty of Exceptional Children (M. E. Ward), 1 June 1980 through 31 May 1981. (Project 762171 - New)

\$5,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Scattering of Waves by Viscoelastic Composites and the Characterization of Their Dynamic Properties, Department of Engineering Mechanics (V. K. Varadan and V. V. Varadan), 1 April 1980 through 30 September 1980. (Project 762104 - New)



July 11, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$3,300.00 - National Science Foundation, Washington, D. C., Group Travel for U. S. Participants in the Third International Meeting on Solid Electrolytes-Solid State Ionics and Galvanic Cells - Tokyo, Japan, Department of Metallurgical Engineering (R. A. Rapp), 1 June 1980 through 31 May 1981. (Project 762200 - New)

**TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS** **\$3,060,882.00**

**State of Ohio Research Contracts/Grants**

\$39,200.00 - State of Ohio, Department of Economic and Community Development, Columbus, Ohio, Management Advancement Training Seminars for Community Action Programs, College of Administrative Science - Continuing Education (J. Stanley), 1 June 1980 through 31 December 1980. (Project 762164 - Continuation)

\$21,810.00 - State of Ohio, Division of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Cooperative Psychiatric Services, Nisonger Center for Mental Retardation (F. A. Benson), 1 July 1980 through 30 June 1981. (Project 762186 - New)

\$14,995.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Review of Ohio's Division of Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 May 1980 through 31 October 1980. (Project 762150 - New)

\$8,048.00 - State of Ohio, Department of Mental Health and Mental Retardation, Columbus, Ohio, MSG Intolerance and Beta-Adrenergic Hypersensitivity, Department of Psychiatry (H. Schmidt), 1 June 1980 through 30 June 1980. (Project 762197 - New)

\$6,480.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Technical Workshop in Farm Business Planning and Analysis, Department of Agricultural Education (J. T. Starling), 1 May 1980 through 30 June 1980. (Project 762194 - New)

\$4,438.00 - State of Ohio, Department of Administrative Services, Columbus, Ohio, Auditing Hospital Bills - A Practical Cost Containment Measure, School of Allied Medical Professions (S. F. Loeb), 1 May 1980 through 1 October 1980. (Project 762176 - New)

\$2,902.00 - State of Ohio, Department of Mental Health and Mental Retardation, Columbus, Ohio, A Behaviorally Based Treatment for Child Compliance Problems: A Parent Training Intervention, Department of Psychology (A. Schwebel and R. Wells), 20 May 1980 through 30 June 1980. (Project 762185 - New)

July 11, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**State of Ohio Research Contracts/Grants (contd)**

\$2,370.00 - State of Ohio, Department of Mental Health and Mental Retardation, Columbus, Ohio, Analysis of Staff Data: Drug Treatment Programs in Ohio, 1974-1978, Department of Sociology (W. Li and M. A. Ruffing), 15 May 1980 through 30 June 1980. (Project 762198 - New)

\$1,680.00 - State of Ohio, Department of Mental Health and Mental Retardation, Columbus, Ohio, The Impact of Natural Support Systems on Children's Reaction to Parental Divorce/Separation, Department of Psychology (C. Wenar and M. Schreiber), 1 May 1980 through 30 June 1980. (Project 762184 - New)

**TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS                      \$ 101,923.00**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants**

\$57,982.00 - Pennwalt Corporation, Philadelphia, Pennsylvania, Insect Cell Culture, Department of Entomology (W. F. Hink), 1 May 1980 through 30 April 1981. (Project 762159 - New)

\$53,000.00 - Wisconsin State Occupational Information Coordinating Committee, Madison, Wisconsin, Developing the Standard Occupational Classification Code Definitions, National Center for Research in Vocational Education (R. E. Taylor), 1 March 1980 through 28 February 1981. (Project 762161 - New)

\$49,998.00 - Union Carbide Corporation, Nuclear Division, Oak Ridge, Tennessee, Continuation of a Study of Regulatory Actions to Promote Power Plant Productivity Improvements, National Regulatory Research Institute (D. N. Jones) and Department of Industrial and Systems Engineering (G. L. Smith), 12 May 1980 through 30 September 1980. (Project 762129 - New)

\$46,936.65 - Clarkson College of Technology, Potsdam, New York, Investigate Bistatic Scattering Characteristics of Moving and Fixed Targets to Determine Whether Discriminants May Exist That Will Allow Target Classification, Department of Electrical Engineering, ElectroScience Laboratory (A. A. Ksienski), 16 April 1980 through 30 September 1980. (Project 761830 - Continuation)

\$39,998.00 - Ohio Coal Research Laboratories Association, Columbus, Ohio, Kinetic Requirements for the High Intensity Combustion of Coal as Data Source for Design of Small Coal Burners for Industrial Use, Department of Mechanical Engineering (R. H. Essenhigh) and Department of Chemical Engineering (L. S. Fan), 26 May 1980 through 25 May 1981. (Project 762169 - New)

July 11, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

**\$34,462.00** - Madison Public Schools, London, Ohio, Martin W. Essex School for the Gifted, Academic Faculty of Exceptional Children (R. H. Swassing), 1 May 1980 through 30 September 1981. (Project 762147 - Continuation)

**\$30,000.00** - Ohio Coal Research Laboratories Association, Columbus, Ohio, Bacterial Pyrite Oxidation: Its Basic Mechanism and Relationship With Other Oxidizable Mineral and Cost Constituents, Department of Microbiology (O. H. Tuovinen), 26 May 1980 through 25 May 1981. (Project 762204 - New)

**\$16,000.00** - Astra Lakemedel AB, Sodertalje, Sweden, Dosage Form Design and Development, College of Pharmacy (S. G. Frank), 1 January 1980 through 31 December 1980. (Project 762165 - New)

**\$15,000.00** - Dana Corporation Foundation, Toledo, Ohio, The Legal Treatment of Persons With Mental Disabilities, College of Law (M. J. Kindred), 1 September 1980 through 30 June 1981. (Project 762188 - New)

**\$12,000.00** - The Arthritis Foundation, Central Ohio Chapter, Columbus, Ohio, Immunoregulation and Autoimmunity, Department of Medicine (R. L. Whisler), 1 April 1980 through 31 March 1981. (Project 760620 - Continuation)

**\$9,924.00** - The Japan Foundation, Tokyo, Japan, A Regional Project for Teaching Japan in Secondary Schools, Office of Academic Affairs, Center for International Studies (J. Adams), 1 April 1980 through 30 March 1981. (Project 762155 - New)

**\$8,785.00** - Citizens' Council for Ohio Schools, Cleveland, Ohio, Citizens' Council School Finance Project, Academic Faculty of Educational Administration (L. H. Wagstaff), 1 October 1979 through 30 June 1980. (Project 762193 - New)

**\$7,488.60** - North Central Technical Institute, Wausau, Wisconsin; Trident Technical College, Charleston, South Carolina; Caldwell Community College and Technical Institute, Hudson, North Carolina, Postsecondary Alliance - Business, Industry, and Labor Articulation Program - Option A, National Center for Research in Vocational Education (R. E. Taylor), 1 May 1980 through 31 October 1980. (Project 762196 - Continuation)

**\$6,360.00** - National Association of Schools of Public Affairs and Administration, Washington, D. C., Public Personnel Management Research Fellowship, Academic Faculty of Labor and Human Resources (D. M. Ronchi and P. A. Somers), 1 June 1980 through 30 August 1981. (Project 762153 - New)

July 11, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$5,745.00 - Wright State University, Dayton, Ohio, Survey of Postsecondary Institutions in the State of Ohio, Academic Faculty of Educational Administration (L. H. Wagstaff and S. Cameron), 1 February 1980 through 15 April 1980. (Project 762174 - New)

\$5,000.00 - Hamilton Standard, Division of United Technologies, Windsor Locks, Connecticut, Advanced Airfoils for Propeller Applications, Department of Aeronautical and Astronautical Engineering (K. D. Korkan), 1 May 1980 through 30 June 1980. (Project 761707 - Continuation)

\$4,037.00 - Commonwealth of Virginia, Department of Education, Richmond, Virginia, A Revision of "A Guide for the Organization and Operation of Local Advisory Committees for Vocational Education," National Center for Research in Vocational Education (R. E. Taylor), 1 May 1980 through 30 June 1980. (Project 762172 - New)

\$3,500.00 - Allen County Commissioners, Lima, Ohio, Historical Preservation Office, Lima Campus (J. S. Biddle), 1 February 1980 through 31 January 1981. (Project 762157 - New)

\$3,339.00 - Caldwell Community College and Technical Institute, Hudson, North Carolina, Postsecondary Alliance - Evaluation Program Option A - Clearinghouse, National Center for Research in Vocational Education (R. E. Taylor), 1 May 1980 through 30 June 1981. (Project 762195 - Continuation)

\$1,500.00 - Cystic Fibrosis Foundation, Rockville, Maryland, Colonization of the Respiratory Tract by *Pseudomonas aeruginosa*, Department of Microbiology (N. Baker and H. Marcus), 1 July 1980 through 10 September 1980. (Project 762191 - New)

\$1,000.00 - Mississippi Gulf Coast Junior College, Perkinston, Mississippi, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 30 June 1980. (Project 761599 - Continuation)

<b>TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-</b>	
<b>FEDERAL RESEARCH CONTRACTS/GRANTS</b>	<b>\$ 412,055.25</b>

**ENGINEERING EXPERIMENT STATION**

**Industrial and Other Sponsored Research and Development**

\$89,500.00 - International Paper Company, Tuxedo Park, New York, Moveable Wall Channel Fiber-Fluid, Department of Chemical Engineering, May 8, 1980 through May 8, 1981. (EES 606/529086)

July 11, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**ENGINEERING EXPERIMENT STATION (contd)**

**Sponsored Development Projects**

\$122,821.00 - various sponsors for 41 development projects.

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

**Gifts of \$5,000 or More**

\$612,500.00 - Estate Under the Will of John C. Fergus, Columbus, Ohio--  
\$306,250.00 for Corwin A. Fergus Memorial Fund and \$306,250.00 for Edith  
Fergus Gilmore Fund.

\$39,050.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for Samuel  
J. Roessler Memorial Fund.

\$30,000.00 - The Bremer Foundation, Youngstown, Ohio, for The Bremer  
Foundation Fund.

\$27,000.00 - Dorsey Laboratories, Lincoln, Nebraska, for Clinical Pharmacology  
Fund.

\$25,000.00 - Battelle Memorial Institute, Columbus, Ohio, for Forced Convection  
Techniques Applied to Corrosion Problems.

\$20,000.00 - Estate Under the Will of Dorothy M. Bennett, Lima, Ohio, for  
Dorothy M. Bennett and Clark L. Bennett Medical Research Fund.

\$15,070.00 - Janssen Pharmaceuticals, New Brunswick, New Jersey, for Gastro-  
intestinal Cancer Research Fund.

\$13,630.10 - University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

\$12,184.00 - Castleton, Inc., Lexington, Kentucky, for Dean's Education and  
Research Fund in Veterinary Medicine.

\$10,750.00 - Eli Lilly and Company, Indianapolis, Indiana, for Diabetes Research  
Fund.

\$10,000.00 - Iddings Foundation, Dayton, Ohio, for Iddings Foundation Scholar-  
ships.

\$10,000.00 - George F. Lonz Foundation, Middle Bass, Ohio, for George F. Lonz  
Foundation for Enology and Viticulture.

July 11, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$10,000.00 - Michael's Finer Meats, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

\$8,000.00 - Midland Ross Corporation, Urbana, Ohio, for Student Athlete Grant-in-Aid Fund.

\$7,500.00 - The B. F. Goodrich Company, Akron, Ohio, for B. F. Goodrich Company Fund for Polymer Engineering Research Fund.

\$6,702.70 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

\$5,517.72 - Trust Under the Will of Carl M. Baldwin, Columbus, Ohio, for Carl M. and Grace C. Baldwin Eye Care Fund.

\$5,500.00 - Owens-Corning Fiberglas Corporation, Toledo, Ohio, for Student Athlete Grant-in-Aid Fund.

\$5,000.00 - Ashland Chemical Company, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

\$5,000.00 - The Cincinnati Gas and Electric Company, Cincinnati, Ohio, for Ohio Electric Utility Institute Fellowship Fund.

\$5,000.00 - The Firestone Tire and Rubber Company, Akron, Ohio, for Fraenkel Research Fund.

\$5,000.00 - General Motors Corporation, Warren, Michigan, for College of Administrative Science Fund.

\$5,000.00 - Mr. and Mrs. John D. Kraus, Delaware, Ohio, for Radio Telescope Research Fund.

\$5,000.00 - Occidental Research Corporation, Irvine, California, for Mechanical Engineering Coal Combustion Laboratory Fund.

\$5,000.00 - Ohio State University Dental Alumni Association, Worthington, Ohio, for Dental Alumni Loan Fund.

\$5,000.00 - SCOA Foundation, Inc., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

\$5,000.00 - SDRC, Milford, Ohio, for SDRC Fund (Structural Dynamics Research Corporation)

July 11, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds**

##### **The Chair in Food Industries**

The Chair in Food Industries was established July 11, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from industry, alumni, and friends of the College of Agriculture.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income, when this account becomes a chair, will be used to provide salary and program support for the work of an individual who will provide leadership for the Food Industries Program. Appointment of this chair will be recommended by the Dean of the College of Agriculture and Home Economics to the Provost and approved by the Board of Trustees.

Should the need for this faculty position cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University, who is then directly responsible for the programs relating to the food industries.

##### **The Virgil Overholt Drainage Education and Research Fund**

The Virgil Overholt Drainage Education and Research Fund was established July 11, 1980, by the Board of Trustees of The Ohio State University in honor of Virgil Overholt, Professor Emeritus, with gifts from alumni, friends, and industry to The Ohio State University Development Fund.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income and principal is to be used to provide funds for graduate student support, long-term research, and continuing education. Distribution of these funds will be made by the Chairman of the Department of Agricultural Engineering upon the recommendation of an advisory committee, consisting of representatives of the faculty, agriculture, and industry. Distribution for this purpose will be made from income or principal or both, until the funds available to support these goals are exhausted.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University, who is then directly responsible for the College of Agriculture and Home Economics and the Department of Agricultural Engineering.

July 11, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **The Earl Weaver Memorial Fund**

The Earl Weaver Memorial Fund was established July 11, 1980, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Earl Weaver, D.V.M. '55.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual interest and/or principal from this fund will be used to support projects of the highest priority in the College of Veterinary Medicine. The Dean of the College of Veterinary Medicine will have full discretion in the use of the funds.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the study of veterinary medicine education.

##### **The Professorship in Plant Protection**

The Professorship in Plant Protection was established July 11, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni, industry, and friends.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be added to the principal until the fund reaches \$250,000. At that time the income is to be used to provide salary and program support for the work of a distinguished scholar and researcher in the field of plant protection. Appointment to this professorship will be recommended by the Dean of the College of Agriculture and Home Economics to the Provost and approved by the Board of Trustees.

Should the need for this faculty position cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University, who is then directly responsible for the University's program in plant protection.



July 11, 1980 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Change in Description of Named Fund

At the request of Harry Krieger of Price Waterhouse & Co., the wording in the third paragraph of the endowment description for "The Partners and Employees of Price Waterhouse Endowment Fund" has been amended to comply with the wishes of the donors:

#### The Partners and Employees of Price Waterhouse Endowment Fund

The Partners and Employees of Price Waterhouse Endowment Fund was established December 15, 1976, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University from alumni and friends on the staff of Price Waterhouse & Co., Columbus, Ohio, and the Price Waterhouse Foundation.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

The annual income is to be added to the principal until the fund reaches the appropriate amount to provide at least \$1,000 annually for support of the Academic Faculty of Accounting. The income may be used for financial assistance to undergraduate and graduate accounting students, for continuing education of its faculty members, for research programs undertaken by faculty members, for the recruitment of new faculty members **and for purposes deemed appropriate to the Academic Faculty of Accounting**. Requests for expenditures of funds will be initiated by the chairman of the Department and approved by the dean of the College of Administrative Science.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as designated by the partner-in-charge of Price Waterhouse & Co., Columbus, Ohio, or, if no such person exists or the fund ceases to be active, as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for accounting education.

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## EMPLOYMENT OF ARCHITECT/ENGINEER

ENERGY CONSERVATION MEASURES, FEDERAL DEPARTMENT OF  
ENERGY TITLE III GRANT (LAUNDRY, PRINTING FACILITY, WOMEN'S  
DINING FACILITY, RANEY COMMONS, AND BRADFORD COMMONS)

Resolution No. 81-13

*Synopsis: Employment of engineer to conduct study for project, "Energy Conservation Measures, Federal Department of Energy Title III Grant (Laundry, Printing Facility, Women's Dining Facility, Raney Commons, and Bradford Commons)," is being proposed.*

July 11, 1980 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECT/ENGINEER (contd)**

**ENERGY CONSERVATION MEASURES, FEDERAL DEPARTMENT OF  
ENERGY TITLE III GRANT (LAUNDRY, PRINTING FACILITY, WOMEN'S  
DINING FACILITY, RANEY COMMONS, AND BRADFORD COMMONS) (contd)**

WHEREAS The Ohio State University facilities known as Laundry, Printing Facility, Women's Dining Facility, Raney Commons, and Bradford Commons were selected under the Federal Grants' Program for Schools, Universities, and Hospitals for completion of energy-study reports; and

WHEREAS it is proposed that upon completion of these reports which will be conducted in accordance with procedures and reporting established by the Ohio Board of Regents' Energy Management Program; the reports will be submitted to the Federal Energy Department to obtain funds for completion of any selected cost-effective energy conservation modifications:

**NOW THEREFORE**

BE IT RESOLVED, That the firm of Gaddam and Associates Engineers of Columbus, Ohio, be employed to provide engineering services for these buildings covered by this project and to provide energy reports, and on completion of the approved reports, they will be submitted to the Federal Energy Department to obtain funds for completion of any selected cost-effective energy conservation modifications; and

BE IT FURTHER RESOLVED, That the fee for this service be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total cost for these studies being \$20,742. Funds will be provided by the Federal Government with matching funds from The Ohio State University (\$10,371 Federal, plus \$10,371 OSU).

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**PLANS AND SPECIFICATIONS**

Resolution No. 81-14

*Synopsis: Plans and specifications are being proposed for the following project.*

WHEREAS at the request of the Vice President for Business and Administration, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimate of cost for the following project:

**UNIVERSITY AIRPORT, APRON AND RUNWAY IMPROVEMENTS, PHASE II**

Project: Continuation of the rehabilitation of apron areas, provide site preparation, replace beacon light and improved access to taxi-ways.

July 11, 1980 meeting, Board of Trustees

**PLANS AND SPECIFICATIONS (contd)**

**UNIVERSITY AIRPORT, APRON AND RUNWAY IMPROVEMENTS, PHASE II (contd)**

Funding: Federal Aviation Administration Grant

Estimated Project Cost: \$293,955.00

**NOW THEREFORE**

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimate of cost for the project listed above be approved and that the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for this project and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Galbreath, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**FEDERAL AVIATION ADMINISTRATION GRANT NO. DOT-FA80-GL-8118  
UNIVERSITY AIRPORT IMPROVEMENTS**

Resolution No. 81-15

*Synopsis: Acceptance of the Federal Aviation Administration (FAA) Grant to the University for University Airport (Don Scott Field) improvements is proposed.*

WHEREAS The Ohio State University has applied to the FAA for federal funding to provide for airport improvements including construction of taxiways, expansion of parking aprons, and installation of floodlights; and

WHEREAS the University has received from the FAA Grant Agreement No. DOT-FA80-GL-8118, Project No. 5-39-0027-03 in the amount of \$293,955 for development of airport improvements as specified in Grant Agreement, dated June 12, 1980, attached hereto and made a part hereof by reference:

**NOW THEREFORE**

BE IT RESOLVED, That the Secretary of the Board of Trustees be authorized and directed to accept and execute, on behalf of the Board of Trustees of The Ohio State University, said FAA Grant Agreement for airport improvements.

Upon motion of Mr. Smith, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

**DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION  
GRANT AGREEMENT**

Part 1-Offer

Date of Offer June 12, 1980

Ohio State University Airport

Project No. 5-39-0027-03

Contract No. DOT-FA80-GL-8118

TO: Board of Trustees of the Ohio State University, Columbus, Ohio (herein referred to as the "Sponsor")

FROM: The United States of America (acting through the Federal Aviation Administration, herein referred to as the "FAA")

WHEREAS, the Sponsor has submitted to the FAA a Project Application (herein called an Application for Federal Assistance) dated May 14, 1980, for a grant of Federal funds for a project for development of the Ohio State University Airport (herein called the "Airport"), together with plans and specifications for such project, which Application for Federal Assistance, as approved by the FAA is hereby incorporated herein and made a part hereof; and

WHEREAS, the FAA has approved a project for development of the Airport (herein called the "Project") consisting of the following-described airport development:

Land Reimbursement (14.28 acres); Construct T-Hangar Taxiways (approx. 4,222 S.Y.); Overlay and expand Hangar 4 & 5 aircraft parking apron (approx. 7,400 S.Y.) and install floodlights; widen Taxiway "C" at R/W 32 threshold (approx. 1,089 S.Y.); construct T-Hangar service road (approx. 2,722 S.Y.); Overlay existing T-Hangar taxiways (approx. 1,067 S.Y.); Install new L-801 Beacon.

all as more particularly described in the property map and preliminary plans and specifications incorporated in the said Application for Federal Assistance.

NOW THEREFORE, pursuant to and for the purpose of carrying out the provisions of the Airport and Airway Development Act of 1970, as amended (49 U.S.C. 1701 et seq.), and in consideration of (a) the Sponsor's adoption and ratification of the representations and assurances contained in said Application for Federal Assistance, and its acceptance of this

Offer as hereinafter provided, and (b) the benefits to accrue to the United States and the public from the accomplishment of the Project and the operation and maintenance of the Airport as herein provided, THE FEDERAL AVIATION ADMINISTRATION, FOR AND ON BEHALF OF THE UNITED STATES, HEREBY OFFERS AND AGREES to pay, as the United States share of the allowable costs incurred in accomplishing the Project, 90 Percentum thereof.

This Offer is made on and subject to the following terms and conditions:

1. The maximum obligation of the United States payable under this Offer shall be \$293,955.00.
2. The Sponsor shall:
  - a. begin accomplishment of the Project within Thirty (30) days after acceptance of this Offer or such longer time as may be prescribed by the FAA, with failure to do so constituting just cause for termination of the obligations of the United States hereunder by the FAA;
  - b. carry out and complete the Project without undue delay and in accordance with the terms hereof, the Airport and Airway Development Act of 1970, as amended, and the Regulations of the FAA (14 CFR Part 152) in effect as of the date of acceptance of this Offer; which Regulations are hereinafter referred to as the "Regulations";
  - c. carry out and complete the Project in accordance with the plans and specifications and property map, incorporated herein, as they may be revised or modified with the approval of the FAA;
  - d. submit all financial reports on an accrual basis and if records are not maintained on an accrual basis, reports may be based on analysis or records or best estimates as required by the Regulations;
  - e. monitor performance under the Project to assure that time schedules are being met, projected work units by time periods are being accomplished, and that other performance goals are being achieved as established by the Regulations.
3. The allowable costs of the project shall not include any costs determined by the FAA to be ineligible for consideration as to allowability under the Regulations.
4. Payment of the United States share of the allowable project costs will be made pursuant to and in accordance with the provisions of the Regulations.

Final determination of the United States share will be based upon the final audit of the total amount of allowable project costs and settlement will be made for any upward or downward adjustments to the Federal share of costs. The grant closeout requirements will be in accordance with the Regulations.

5. The Sponsor shall operate and maintain the airport as provided in the Application for Federal Assistance incorporated herein and specifically covenants and agrees in accordance with its Assurance 20 in Part V of said Application for Federal Assistance, and Section 30 of the Airport and Airway Development Act, as amended, that in its operation and the operation of all facilities thereof, neither it nor any person or organization occupying space or facilities thereon will discriminate against any person by reason of race, color, creed, national origin or sex in the use of the facilities provided for the public on the airport.
6. The FAA reserves the right to amend or withdraw this Offer at any time prior to its acceptance by the Sponsor.
7.
  - a. The grantee assures that it will undertake an affirmative action program, as required by 14 CFR Part 152, Subpart E, to ensure that no person shall, on the grounds of race, creed, color, national origin, or sex, be excluded from participating in any employment, contracting, or leasing activities covered in 14 CFR Part 152, Subpart E. The grantee assures that no person shall be excluded, on these grounds, from participating in or receiving the services or benefits of any program or activity covered by this subpart. The grantee assures that it will require that its covered organizations provide assurance to the grantee that they similarly will undertake affirmative action programs and that they will require assurances from their suborganizations, as required by 14 CFR Part 152, Subpart E, to the same effect.
  - b. The grantee agrees to comply with any affirmative action plan or steps for equal employment opportunity required by 14 CFR, Part 152, Subpart E, as part of the affirmative action program or by any Federal, State, or local agency or court, including those resulting from a conciliation agreement, a consent decree, court order, or similar mechanism. The grantee agrees that State or local affirmative action plan will be used in lieu of any affirmative action plan or steps required by 14 CFR Part 152, Subpart E, only when they fully meet the standards set forth in 14 CFR 152.409. The grantee agrees to obtain a similar assurance from its covered organizations, and to cause them to require a similar assurance of their covered suborganizations, as required by 14 CFR Part 152, Subpart E.

8. This offer shall expire and the United States shall not be obligated to pay any part of the costs of the Project unless this offer has been accepted by the Sponsor on or before June 30, 1980 or such subsequent date as may be prescribed in writing by the FAA.
9. The Sponsor hereby agrees that it will incorporate or cause to be incorporated into any contract for construction work, or modification thereof, as defined in the Regulations of the Secretary of Labor at 41 CFR Chapter 60, which is paid for in whole or in part with funds obtained from the Federal Government or borrowed on the credit of the Federal Government pursuant to a grant, contract, loan insurance, or guarantee, or undertaken pursuant to any Federal program involving such grant, contract, loan insurance, or guarantee, the following Equal Opportunity Clause.

During the performance of this contract, the contractor agrees as follows:

- a. The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, or national origin. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination, rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices (to be provided) setting forth the provisions of this nondiscrimination clause.
- b. The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin.
- c. The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice (to be provided) advising the said labor union or workers' representative of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- d. The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

- e. The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- f. In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be cancelled, terminated, or suspended in whole or in part, and the contractor may be declared ineligible for further Government contracts or Federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulations, or order of the Secretary of Labor, or as otherwise provided by law.
- g. The contractor will include the portion of the sentence immediately preceding paragraph a. and the provisions of paragraphs a. through g. in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance. Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

The Sponsor further agrees that it will be bound by the above Equal Opportunity clause with respect to its own employment practices when it participates in Federally assisted construction work: Provided that if the applicant so participating is a State or local Government, the above Equal Opportunity clause is not applicable to any agency, instrumentality, or subdivision of such Government which does not participate in work on or under the contract.

The Sponsor agrees that it will assist and cooperate actively with the administering agency and the Secretary of Labor in obtaining the



compliance of contractors and subcontractors with the Equal Opportunity clause and the rules, regulations, and relevant orders of the Secretary of Labor, that it will furnish the administering agency and the Secretary of Labor such information as they may require for the supervision of such compliance, and that it will otherwise assist the administering agency in the discharge of the agency's primary responsibility for securing compliance.

The Sponsor further agrees that it will refrain from entering into any contract or contract modification subject to Executive Order 11246 of September 24, 1965, with a contractor debarred from or who has not demonstrated eligibility for, Government contracts and Federally assisted construction contracts pursuant to the Executive Order and will carry out such sanctions and penalties for violation of the Equal Opportunity clause as may be imposed upon contractors and subcontractors by the administering agency or the Secretary of Labor pursuant to Part III, Subpart D, of the Executive Order. In addition, the Sponsor agrees that if it fails or refuses to comply with these undertakings, the administering agency may take any or all of the following actions: cancel, terminate, or suspend in whole or in part this grant (contract, loan insurance, or guarantee); refrain from extending any further assistance to the Sponsor under the program with respect to which the failure or refund occurred, until satisfactory assurance of future compliance has been received from the Sponsor; or refer the case to the Department of Justice for appropriate legal proceedings.

10. The Sponsor hereby covenants and agrees that financial records of this project shall be established, maintained, and made available to appropriate personnel in conformity with Section 152.63 of the Regulations of the Federal Aviation Administration (14 CFR 152).
11. The Sponsor hereby covenants that it will not permit any permanent-type structures, other than structures required for aids to air navigation and such other structures as may be specifically excepted in writing by the FAA, to be erected on, and that it will cause any existing structures to be removed from, each area identified on the "Exhibit A" as "clear zone" or any portions thereof, concerning which the Sponsor has acquired a fee interest with Federal financial assistance, irrespective of whether such structures constitute an obstruction to air navigation.
12. It is understood and agreed that any and all reference to the term "Office of Management and Budget Circular No. A-102", as the same may appear in this agreement and any document incorporated and made a part thereof,

shall be deemed to read and mean "General Services Administration Federal Management Circular FMC 74-7". It is also understood and agreed that wherever the term "Project Application" appears in the agreement or in any other documents constituting a part of this agreement, it shall be deemed to mean "Application for Federal Assistance, FAA Form 5100-100".

13. It is understood and agreed by and between the parties hereto that, should evidence be discovered during construction, that objects of archeologic or historic interest may be unearthed, then construction will be halted for a reasonable time to enable the responsible State official to assess the matter.
14. This project and all work performed thereunder is subject to the Clean Air Act and the Federal Water Pollution Control Act. Accordingly:
  - a. The Sponsor hereby stipulates that any facility to be utilized in performance under the grant or to benefit from the grant is not listed on the Environmental Protection Agency (EPA) list of Violating Facilities.
  - b. The Sponsor agrees to comply with all the requirements of Section 114 of the Clean Air Act and Section 308 of the Federal Water Pollution Control Act and all regulations issued thereunder.
  - c. The Sponsor shall notify the FAA of the receipt of any communication from the EPA indicating that a facility to be utilized for performance of or benefit from the grant is under consideration to be listed on the EPA List of Violating Facilities.
  - d. The Sponsor agrees that it will include or cause to be included in any contract or subcontract under the grant which exceeds \$100,000, the criteria and requirements in these subparagraphs (a) through (d).
15. Assurance Number 18 of Part V of the Project Application incorporated herein is amended by including at the end of the second sentence the following language:

" . . . including the requirement that (A) each air carrier, authorized to engage directly in air transportation pursuant to Section 401 or 402 of the Federal Aviation Act of 1958, using such airport shall be subject to non-discriminatory and substantially comparable rates, fees, rentals, and other charges and nondiscriminatory conditions as are applicable to all such air carriers which make similar use of such airport and which utilize similar facilities, subject to reasonable classifications such as tenants or nontenants, and combined passenger and cargo flights or all cargo flights, and such classification or status as tenant shall not be unreasonably withheld by any

Sponsor provided an air carrier assumes obligations substantially similar to those already imposed on tenant air carriers, and (B) each fixed base operator using a general aviation airport shall be subject to the same rates, fees, rentals, and other charges as are uniformly applicable to all other fixed base operators making the same or similar uses of such airport utilizing the same or similar facilities; provision (A) above shall not require the reformation of any lease or other contract entered into by a Sponsor before July 12, 1976. A Sponsor shall not require the reformation of any lease or other contract entered into by a Sponsor before July 1, 1975."

16. It is understood and agreed that no part of the Federal share of an airport development project for which a grant is made under the Airport and Airway Development Act of 1970, as amended (49 U.S.C. 1701 et seq.), or under the Federal Airport Act, as amended (49 U.S.C. 1101 et seq.), shall be included in the rate base in establishing fees, rates, and charges for users of the airport.
17. It is understood and agreed by and between the parties hereto that, with regard to Number 31 of the Sponsor Assurances of FAA Form 5100-100, wherein reference is made to "Part II, paragraph 7(a), 7(b) and 7(c)," such reference shall be deemed to refer instead to "Part II, Section C, paragraphs 4(a), 4(b) and 4(c)".
18. It is understood and agreed that the recipient (Sponsor) will comply with the following provision and further agrees that it will incorporate or cause to be incorporated such provision into all subsequent agreements between the recipient and any subrecipient and in all subsequent DOT-assisted contracts between recipients or subrecipients and any contractor:
  - a. Policy - It is the policy of the Department of Transportation that minority business enterprises as defined in 49 CFR Part 23 shall have the maximum opportunity to participate in the performance of contracts financed in whole or in part with Federal funds under this agreement. Consequently, the MBE requirements of 49 CFR Part 23 apply to this agreement.
  - b. MBE Obligation - The recipient or its contractor agrees to ensure that minority business enterprises as defined in 49 CFR Part 23 have the maximum opportunity to participate in the performance of contracts and subcontracts financed in whole or in part with Federal funds provided under this agreement. In this regard all recipients or contractors shall take all necessary and reasonable steps in accordance with 49 CFR Part 23 to ensure that minority business enterprises have the maximum opportunity to compete for and perform contracts. Recipients and their contractors shall

not discriminate on the basis of race, color, national origin, or sex in the award and performance of DOT-assisted contracts.

- c. If as a condition of assistance the recipient has submitted and the Department has approved a minority business enterprise affirmative action program which the recipient agrees to carry out, this program is incorporated into this financial assistance agreement by reference. This program shall be treated as a legal obligation and failure to carry out its terms shall be treated as a violation of this financial assistance agreement. Upon notification to the recipient of its failure to carry out the approved program the Department shall impose such sanctions as noted in 49 CFR Part 23, Subpart E, which sanctions may include termination of the agreement or other measures that may affect the ability of the recipient to obtain future DOT financial assistance.
19. The Sponsor hereby agrees and covenants that any and all flood insurance coverage required by the Flood Disaster Protection Act of 1973 (P.L. 93-234), with respect to the buildings and/or personal property to be constructed and/or acquired under this project will be purchased prior to the acquisition or construction of any insurable interest and shall be maintained during the useful life of such buildings or personal property.
  20. It is understood and agreed by and between the parties hereto that, the third sentence of Assurance No. 17, Part V of the Project Application, FAA Form 5100-100, Page 7 (4-76), is amended to read "However, these limitations on the duration of the covenants do not apply to the covenant against exclusive rights and real property acquired with Federal funds".
  21. The Sponsor will conduct its programs and operate its facilities in accordance with the requirements of Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and will assure that no qualified handicapped person shall, solely by reason of his or her handicap be excluded from participation in, be denied the benefits of, or otherwise be subjected to discrimination, including discrimination in employment, under any program or activity that receives funds or benefits from this grant. The Sponsor further assures that its programs will be conducted and its facilities operated in compliance with the requirements imposed by or pursuant to 49 CFR Part 27.
  22. The Sponsor shall provide for audit of this grant project to be made in accordance with Attachment P of Office of Management and Budget Circular A-102.
  23. The Federal Government does not now plan to contemplate the construction of any structures pursuant to Paragraph 27 of Part V - Sponsor's Assurances

of the Project Application, dated May 14, 1980, and therefore, it is understood and agreed that the Sponsor is under no obligation to furnish any areas or rights without cost to the Federal Government under this Grant Agreement. However, nothing contained herein shall be construed as altering or changing the rights of the United States and/or the obligations of the Sponsor under prior Grant Agreements to furnish rent-free space for the activities specified in such agreements.

24. The parties hereto recognize that a continuing need exists for parking space for Government owned and controlled automotive equipment used or assigned for use in serving FAA facilities and equipment on or in the vicinity of the airport. It is agreed by the parties hereto that the Sponsor will continue to provide, without charge, designated parking space as now exists in reasonable proximity to FAA operations for such automotive equipment and that no change or modifications will be made in such designation without the consent of the parties hereto or their designated representative.

The parties hereto further recognize the need for adequate parking space for the motor vehicles used by the FAA employees for transportation to their place of employment and assign duty stations on the airport. It is fully understood by and between the parties hereto that the Sponsor has made adequate parking space available to these employees on terms that are as favorable as those provided to the Sponsor's employees and the employees of others having duty stations on the airport. It is agreed by the parties hereto that the relationship now existing with respect to automobile parking space for FAA employees will continue and that no change will be made to alter this relationship or to either curtail or enlarge the demand for the parking facilities designated without the consent and concurrence of the parties hereto or their designated representative.

25. It is understood and agreed by and between the parties hereto that the FAA will not make payments for eligible project costs which exceed 90% of the maximum Grant obligation or 90% of the latest estimated project costs, whichever is the lesser, until the Sponsor has submitted certification by the Engineer and Contractor, that each construction or specification item included in a payment application which would exceed the aforementioned controlling 90% limitation has been fully completed in accordance with the approved plans and specifications and represents final accepted quantities as determined by the specified method of measurement.

It is further understood and agreed that the FAA shall withhold the final 3% of the eligible project costs until the required "as built" plans have been received and approved by the FAA.

26. It is understood and agreed by and between the parties hereto that with respect to Paragraph 1, Part II - Section C of the Project Application, dated and made a part hereof, that the Sponsor will take such action as is necessary, including enactment of appropriate zoning, to assure compatible usage of land adjacent to or in the vicinity of the airport.
27. It is understood and agreed that the United States will not be obligated to pay for the land interests to Parcel 1 as shown on Exhibit "A", unless and until the Sponsor has submitted evidence of property interests satisfactory to the FAA free and clear of all encumbrances deemed objectionable by the FAA.
28. It is hereby understood and agreed by and between the parties hereto that this Offer is issued on the basis of the preliminary plans and specifications and that the Sponsor will not suffer the commencement of any construction work, not permit any advertisement for bids for accomplishment of any work under this project until final plans and specifications are submitted to the FAA by the Sponsor within 120 days after the acceptance of this Grant Offer and have been approved by the FAA.
29. It is understood and agreed by and between the parties hereto that Federal participation in the lighting system as described on page 1 hereof, is predicated upon the Sponsor submitting an Airport Lighting Operation and Maintenance Plan to the FAA and has been approved by FAA, and it is further understood and agreed that the United States shall not make or be obligated to make final payment of eligible project costs until the Airport Lighting Operation and Maintenance Plan has been submitted by the Sponsor and has been approved by the FAA.
30. It is mutually agreed by and between the parties hereto that the FAA shall withhold from the first partial and all succeeding Grant payments the sum of \$10,000.00 Federal until the Sponsor has submitted an updated set of the Master Plans which includes the Airport Layout Plan, determined satisfactory by the FAA.

The Sponsor's acceptance of this Offer and ratification and adoption of the Application for Federal Assistance incorporated herein shall be evidenced by execution of this instrument by the Sponsor, as hereinafter provided, and said Offer and Acceptance shall comprise a Grant Agreement, as provided by the Airport and Airway Development Act of 1970, as amended, constituting the obligations and rights of the United States and the Sponsor with respect to the accomplishment of the Project and the operation and maintenance of the Airport. Such Grant Agreement shall become effective upon the Sponsor's acceptance of this Offer and shall remain in full force and effect throughout the useful life of the facilities developed under the Project but in any event not to exceed twenty years from the date of

said acceptance except as otherwise provided in Sponsor's Assurance No. 17, Part V of the Project Application.

UNITED STATES OF AMERICA  
FEDERAL AVIATION ADMINISTRATION

BY (signed) James M. Opatrny  
TITLE Acting Manager, Detroit Airports  
District Office

Part II - Acceptance

The Board of Trustees of the Ohio State University does hereby ratify and adopt all statements, representations, warranties, covenants, and agreements contained in the Application for Federal Assistance and incorporated materials referred to in the foregoing Offer and does hereby accept said Offer and by such acceptance agrees to all of the terms and conditions thereof.

Executed this            day of July, 1980.

Board of Trustees of The Ohio State University  
(Sponsor)

(SEAL)

By \_\_\_\_\_  
Title \_\_\_\_\_

Attest: \_\_\_\_\_

Title: \_\_\_\_\_

CERTIFICATE OF SPONSOR'S ATTORNEY

I, \_\_\_\_\_, acting as Attorney for Board of Trustees of the (herein referred to as the "Sponsor") do hereby certify: Ohio State University

That I have examined the foregoing Grant Agreement and the proceedings taken by said Sponsor relating thereto, and find that the Acceptance thereof by said Sponsor has been duly authorized and that the execution thereof is in all respects due and proper and in accordance with the laws of the State of Ohio and the Regulations and further that, in my opinion, said Grant Agreement constitutes a legal and binding obligation of the Sponsor in accordance with the terms thereof.

Dated at Columbus, Ohio this            day of July, 1980.

TITLE \_\_\_\_\_

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## TRAVEL REIMBURSEMENT

Resolution No. 81-16

*Synopsis: Changes in travel reimbursement for in-state travel is recommended.*

WHEREAS the Office of Budget and Management has amended Rule 126-1-02 of the Administrative Code to increase the maximum reimbursement allowance for meals, lodging, and mileage for travel within Ohio by State employees on official business; and

WHEREAS amended Rule 126-1-02 of the Administrative Code also permits the Director of the Office of Budget and Management to further increase in-state travel reimbursement rates for meals, lodging, and mileage within limits established by the Rule:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees adopt the revised in-state reimbursement rates for meals, lodging, and mileage established by amended Rule 126-1-02 of the Administrative Code and adopt the revised mileage reimbursement rate for out-of-state travel; and

BE IT FURTHER RESOLVED, That the Board of Trustees authorize the Vice President for Business and Administration to further increase these reimbursement rates at such time as additional increases within the limits established by Rule 126-1-02 of the Administrative Code are authorized by the Director of the Office of Budget and Management.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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## LEASE AND EASEMENT - COLUMBIA GAS OF OHIO, INC.

Resolution No. 81-17

*Synopsis: Lease and easement to Columbia Gas of Ohio, Inc., is proposed.*

WHEREAS the University has received a request from Columbia Gas of Ohio, Inc., for a twelve-inch gas line across State of Ohio (The Ohio State University) lands from the intersection of Case and Sawmill Roads north along the east side of Sawmill Road for a distance of approximately 3,848 feet, and a request for the lease of a 30' x 30' tract of land for a gas metering station at the northern terminus of the easement; and

WHEREAS Columbia Gas of Ohio, Inc., ultimately plans to link this gas line with an already existing gas line located north of Interstate 270 and east of Sawmill Road; and

WHEREAS the University will be permitted to tap into the gas line if the University should need gas service in that area; and

July 11, 1980 meeting, Board of Trustees

**LEASE AND EASEMENT - COLUMBIA GAS OF OHIO, INC. (contd)**

WHEREAS the appropriate University agencies have recommended that said easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Director of Public Works, Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for the easement and lease.

President Enarson:

This item was heard and acted upon favorably by the Fiscal Affairs Committee. It's a recommendation for a lease and easement to Columbia Gas of Ohio as is indicated in the resolution before you.

Mr. Redman:

I have the same question about that as I had about the other one. Three thousand eight hundred feet; that's better than half a mile.

Mr. Jackson:

Well, I'm not sure, Mr. Redman, that the dollars are right. We are receiving payment for that lease and it--

Mr. Redman: How much?

Mr. Jackson:

\$800--if my memory serves me right--it's \$875 or \$900, somewhere in that neighborhood.

Mr. Redman:

Well, I can tell you that isn't enough. What about the lease--you mentioned the lease in there. How much are they going to pay us for the lease? The 30 x 30 foot tract--

Mr. Jackson:

The lease is all-inclusive, and it is in line with the Department of Administrative Services regulations, and we were told by them that that was the rate which we were allowed to charge.

Mr. Redman: You mean there is a limitation on what we can charge?

Mr. Jackson:

That was the direction that we were given by the Department of Administrative Services which negotiates leases downtown. I can go back and take another look at it.

July 11, 1980 meeting, Board of Trustees

**LEASE AND EASEMENT - COLUMBIA GAS OF OHIO, INC. (contd)**

President Enarson: I think we ought to take a fresh look at it.

Mr. Redman: But I'll be glad to look at it with you if you want.

Mr. Devenow:

Will you do that, Ed, and we'll table this thing until you--can we do that? Let's table it until such time as you have had a chance to look at it.

Mr. Redman:

Yes, I think we have got to have *quid pro quo* here, and if we're going to do it with one fellow down here then we ought to do it with all of them.

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**ACCESSION OF PROPERTY - 228 ACRES IN PLEASANT TOWNSHIP**

Resolution No. 81-18

*Synopsis: Accession of a farm of approximately 228 acres in Pleasant Township and the establishment of a charitable remainder annuity trust and the Dr. Roger C. and Margery W. Henderson Memorial Fund are proposed.*

WHEREAS the late Dr. Roger C. Henderson of Xenia, Ohio, through his Last Will and Testament, made a gift to The Ohio State University, through The Ohio State University Development Fund, of his undivided one-half interest in real property known as the Star Tip Farm, consisting of approximately 228 acres in Pleasant Township of Franklin County, subject to assumption by the University of a mortgage on the property; and

WHEREAS Dr. Henderson's Will provides that his interest in this property is to constitute the Dr. Roger C. and Margery W. Henderson Memorial Fund, the income from which is to be used, in equal parts, for the benefit of the College of Agriculture and the Department of Ophthalmology of the College of Medicine for their research or merit scholarship programs, as determined and directed by the Board of Trustees of the Development Fund; and

WHEREAS Dr. Henderson's widow, Margery W. Henderson, who is the owner of the remaining undivided one-half interest in the Star Tip Farm, desires to make a gift of her interest in this property to the University, through the Development Fund; and

WHEREAS a condition of this gift by Mrs. Henderson is that the gift constitute a charitable remainder annuity trust under which the University will pay to Mrs. Henderson an annual annuity, for so long as she shall live, of seven percent of \$169,078.00, which represents the value of her interest in the property plus the chattel, less one-half of the mortgage, and upon her death make the gift part of the Dr. Roger C. and Margery W. Henderson Memorial Fund; and

July 11, 1980 meeting, Board of Trustees

**ACCESSION OF PROPERTY - 228 ACRES IN PLEASANT TOWNSHIP (contd)**

WHEREAS it has been determined that acceptance of these gifts and the establishment of the Dr. Roger C. and Margery W. Henderson Memorial Fund are in the best interests of the University:

NOW THEREFORE

BE IT RESOLVED, That:

- (a) The interest of the late Dr. Roger C. Henderson in the Star Tip Farm be accepted as a gift to the University through the Development Fund by conveyance of a General Warranty Deed to the Board of Trustees of The Ohio State University; and
- (b) This gift constitute the Dr. Roger C. and Margery W. Henderson Memorial Fund; and
- (c) The University assume the mortgage on the property; and
- (d) The interest of Margery W. Henderson in the Star Tip Farm be accepted as a gift to the University through the Development Fund by conveyance of a General Warranty Deed to the Board of Trustees of The Ohio State University; and
- (e) This gift constitute a charitable remainder annuity trust as specified above; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to acquire title to the property constituting these gifts in the name of the Board of Trustees of The Ohio State University and to sign and execute on behalf of the Board of Trustees the documents and instruments necessary to carry out the conditions of these gifts.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**CONSTRUCTION OF A VETERANS ADMINISTRATION CLINIC**

Resolution No. 81-19

*Synopsis: Authorization is requested to increase the commitment of University Endowment funds to \$5,250,000 to provide for the additional requirements of the General Services Administration in the construction of a Veterans Administration Clinic.*

WHEREAS this Board, by resolution at its February 3, 1978 meeting, authorized the Administration to submit to the General Services Administration a proposal for the use of Endowment Funds to construct a University facility to be leased to the General Services

July 11, 1980 meeting, Board of Trustees

### **CONSTRUCTION OF A VETERANS ADMINISTRATION CLINIC (contd)**

Administration for the use of the Veterans Administration in consolidating and expanding all of the VA's out-patient services in Franklin County and the Board further authorized commitment of Endowment Funds up to \$3,500,000 to construct the facility; and

WHEREAS the General Services Administration accepted the University's proposal on January 25, 1979, for construction of a facility at a cost of approximately \$2,922,950; and

WHEREAS the General Services Administration submitted revised plans and requirements in December, 1979, necessitating extensive changes in the interior design of the facility at an additional cost of approximately \$1,760,000; and

WHEREAS these changes plus revisions determined by the University to be necessary to improve service to the building will result in a total construction cost of approximately \$4,855,200, thus requiring an increase in the total commitment from the University Endowment; and

WHEREAS the Fiscal Affairs Committee has reviewed and recommended this additional authorization:

#### **NOW THEREFORE**

BE IT RESOLVED, That the total commitment of funds from the University Endowment available to construct the Veterans Administration Clinic be increased to no more than \$5,250,000 to provide for the revised interior requirements of the General Services Administration, enhance University services available to the facility, and provide a contingency reserve.

President Enarson:

This item was discussed in some painful detail this morning and was acted upon favorably. Finally this is a recommendation to increase the authorization and effect a commitment of University endowment funds up to \$5,250,000 to provide for the additional requirements of the General Services Administration in the construction of the Veterans Administration Clinic. The clear understanding I have and the clear commitment that I made this morning is that if and when this is adopted, we will communicate by letter with GSA and VA the acute concerns of the Board with the escalation of cost and its determination that this be the final increase in the cost of it.

Upon motion of Mr. Hilliker, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### **DEPENDENTS' GROUP TERM LIFE INSURANCE PROGRAM**

Resolution No. 81-20

*Synopsis: An improvement to the dependent group term life insurance program is proposed.*

July 11, 1980 meeting, Board of Trustees

**DEPENDENTS' GROUP TERM LIFE INSURANCE PROGRAM (contd)**

WHEREAS the Board of Trustees on January 10, 1975, authorized a dependents' group term life insurance program to become effective February 1, 1975; and

WHEREAS faculty/staff participation in this program has been significant; and

WHEREAS the Ohio Revised Code was recently amended to raise the ceiling of the coverage which may be purchased under group term life insurance plans for dependents; and

WHEREAS by implementing the proposed program modifications, University faculty/staff will be able, on an optional basis, to select and purchase one of the following life insurance plans for spouses and dependent children at premium levels specified:

	Amount of Life Insurance		
	Plan I	Plan II	Plan III
Spouse	\$5,000	\$10,000	\$10,000
For each dependent child:			
a. Under 15 days of age	-0-	-0-	-0-
b. 15 days of age but under 6 months of age	500	1,000	2,500
c. 6 months of age and over	2,500	5,000	10,000
Monthly premium (faculty/staff payroll deduction)	\$2.00	\$4.00	\$6.00

**NOW THEREFORE**

BE IT RESOLVED, That the President and/or Vice President for Personnel Services be authorized to implement this improvement; and

BE IT FURTHER RESOLVED, That the University's existing contracts with John Hancock Mutual Life Insurance Company (Contract No. 58175-GTC as amended for faculty/staff and Contract No. 58175-GTC-100 as amended for classified and hourly employees) be amended to include this improvement to the dependents' group term life insurance, effective November 1, 1980.

Mr. Scott:

Simply what we're asking for approval of is that for many years under the Ohio Revised Code there were express limits as to the amount of insurance that the University could provide for dependents of faculty and staff. The change now is that we have a raise in that ceiling, and what we are suggesting is that we would like to offer the option to the faculty and staff of three basic plans and the plans are spelled out 'Plan 1,' 'Plan 2,' 'Plan 3.' The law further provides that the University is not permitted to pick up the costs for these premiums. We have had the insurance program in effect since 1975, and basically what we are suggesting here is, given the opportunity to increase the upper limits, we would like to propose that the Board allow us to do that for faculty and staff.

July 11, 1980 meeting, Board of Trustees

**DEPENDENTS' GROUP TERM LIFE INSURANCE PROGRAM (contd)**

Mr. Redman: Where does it say they're going to pay for it?

Mr. Scott:

It is in this middle part here, Mr. Redman, monthly premium faculty and staff payroll deduction--do you see it?

Mr. Redman: Yes, but is that the entire cost?

Mr. Scott: Yes, sir.

Mr. Redman: It doesn't say that.

Mr. Scott: We'll be more precise next time.

Mr. Redman: Your word is sufficient.

Mr. Scott: Thank you.

Mr. Devenow: Any other questions?

Upon motion of Dr. Jacob, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT - EXPENSES FOR DESIGNATED ADMINISTRATIVE OFFICIALS**

Resolution No. 81-21

*Synopsis: Approval for reimbursement of expenses for designated Administrative Officials is requested.*

WHEREAS the Fiscal Affairs Committee has authorized the payment of expenses for designated administrative officials; and

WHEREAS it is deemed in the best interest of the University for the Fiscal Affairs Committee to provide from the unrestricted gifts to the University Endowment Fund on an appropriate basis, to the President and designated University officials, reimbursement for expenditures which are directly and necessarily related to the performance of their assigned responsibilities and in the best interest of the University:

**NOW THEREFORE**

BE IT RESOLVED, That the Fiscal Affairs Committee be authorized to provide reimbursement to designated University officials from unrestricted gifts to the University Endowment Fund.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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July 11, 1980 meeting, Board of Trustees

## REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 81-22

RESOLVED, That the report on the University's Investment Portfolio, dated June 30, 1980, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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## COMMENTS BY PRESIDENT HAROLD L. ENARSON

### ENROLLMENT

I have several items and it won't take but a moment. Everyone was here this morning at the time of the Educational Affairs Committee when Dr. Schoen reported on summer and autumn enrollments. We're heartened by the fact that our enrollment for the summer session is up 6.6 per cent. We are on target with respect to our anticipated first-quarter freshmen in the coming fall. We are on target with respect to the number of returning students and, in short, we are still enjoying the ample students knocking at our doors. I say that because many of you around this table will be hearing a far different report before this decade is over. You won't be hearing it from me, but you'll be hearing it from somebody; I hope you like her anyway, whoever she is.

### WOMEN'S INTERCOLLEGIATE ATHLETICS

One other thing I would like to report on that I hope will be of some interest to you--perhaps I attach more importance to it than I should; although I don't think so. The Council of Ten consists of the Presidents of the Big Ten institutions associated with the Western Athletic Conference, the so-called Big Ten. In large part, at the insistence of this institution and several others, the Council of Ten committed itself to an all-day meeting in Chicago last Monday to be devoted to one topic and one topic only, and to be resolved or else, and that was the issue of the role of women's intercollegiate athletics in our respective institutions.

Now I won't burden you with the Byzantine complexities of the arguments; suffice it to say that several institutions wanted to let women's sports develop independently, develop outside the framework of the Big Ten. They felt, and I know sincerely, that women's sports would be dwarfed by men's sports--the Western Athletic Conference being essentially a conference of men's sports. The majority, of which I was a member, felt otherwise. The question was how to bring this about. I don't have the text of the resolution with me at the moment, but in effect we have now instructed the faculty representatives, one from each institution, along with ten additional faculty members, one from each institution so that's twenty in all. We have asked that group to assemble as quickly as possible and to develop an implementation plan, and just late yesterday afternoon I secured the consent of Dr. Joanne Stevenson, a member of our faculty who, some years ago, served as a member of the Athletic Council. She has agreed to serve on



July 11, 1980 meeting, Board of Trustees

**COMMENTS BY PRESIDENT HAROLD L. ENARSON (contd)**

**WOMEN'S INTERCOLLEGIATE ATHLETICS (contd)**

this group. We have asked that this group get moving immediately. We have scheduled the next meeting of the Council of Ten in Chicago, December 15, and I think there is a reasonably good chance that we'll have a plan by then.

We had considerable discussion this morning about the budget, about the new era, about budget stringencies. I wish that we had been able to act on this matter of women's intercollegiate sports some years ago, but there is a--had we been able to do so, we would now be free to address much larger problems coming down the pike. These are questions of what is affordable in the way of intercollegiate sports. The University of Colorado, as you all know, has abolished seven non-revenue sports. In my judgment that's just the beginning of a development that is going to sweep the country. It is a very, very serious matter in my judgment when a university is forced to invade its academic resources and make dollars available to underwrite an athletic program. We have all been enormously proud of what this University has done over the years. We have a program which is one of self-sufficiency, and it's the firm determination of this administration that it will continue to be self-sufficient. I see this step that the Council of Ten has taken as really the first in a series of steps which will enable us to get a better handhold for costs as well as provide a better framework for getting reasonable consistency in the rules applying to women's sports and men's sports. I simply thought that that ought to be recorded.

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Thereupon the Board adjourned to meet Friday, September 5, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott  
Secretary

Chester Devenow  
Chairman

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APPENDIX I

Degrees Conferred at

THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

August 29, 1980

## Recipients of Honors

### **Marshall D. Shulman** **Doctor of Laws**

Distinguished scholar, teacher, and authority on foreign policy, Marshall D. Shulman is internationally recognized as an expert on Soviet-American relations. His scholarly research and writing reflect the keen insight into world affairs that has made him an invaluable adviser to government. His leadership in the academy, as director of the Russian Institute at Columbia University and in other key positions, has advanced the cause of world understanding. As Special Adviser to the Secretary of State on Soviet Affairs, Ambassador Shulman brings to public service the highest attributes of the scholarly tradition. The Ohio State University is pleased to honor him for his eminent career.

### **Barbee William Durham** **Distinguished Service Award**

As staff pharmacist and supervisor of the Reagent Laboratory, Barbee William Durham has served this University for more than 43 years with a high sense of professional mission and unusual dedication. Never one to be satisfied with merely getting the job done, he repeatedly found ways to do the job better. He was an invaluable partner of faculty. His skill and promptness in preparing compounds and his counsel to those engaged in research advanced the purposes of this University. His contributions to professional journals shared his insights with the wider academic community. Beyond the borders of the campus he demonstrated a deep concern for and made lasting contributions to the furtherance of interracial justice. In his personal and professional life, he has brought great credit to his alma mater.

### **Lawrence E. Kunkle** **Distinguished Service Award**

Professor emeritus of animal science, Lawrence E. Kunkle served this University with dedication and distinction for 40 years. Under his leadership, Ohio State developed a superior and unique Meat Laboratory program, combining research and teaching with the preparation and supply of meat for campus use. His research into the improvement of beef cattle and swine earned national distinction. His deep interest in students extended far beyond the requirements of the classroom. As coach of the meats judging team for 18 years, he gave Ohio State students invaluable counsel drawn from a lifetime of experience. His wide-ranging contributions to animal science and his many services in behalf of the total University provide a lasting example of academic citizenship in its fullest and finest meaning.

### **James W. Phillips** **Distinguished Service Award**

Loyal alumnus and abiding friend of this University, James W. Phillips has played a significant role in helping Ohio State meet the challenges of academic excellence. In generous measure he invested his time and talent to advance the cause of teaching and research. As chairman of the Development Fund Board of Directors, he provides essential leadership in furthering the University's program of private support. As treasurer of the OSU Alumni Association he demonstrated the deep commitment that has characterized his many services in behalf of alma mater. In all respects, he has been to this University a true friend and partner, sharing its visions and dedicated to its future. For his many contributions, he has earned the high regard and enduring gratitude of The Ohio State University.

**Jacqueline D. Sisson**  
**Distinguished Service Award**

Nationally recognized fine arts librarian, Jacqueline D. Sisson has served this University with unusual devotion. Her tenure as head of the Fine Arts Library has been marked by qualitative excellence, continuous growth, and involvement in all areas of library service, research, and publication. Under her skilled guidance, one of the finest art libraries in the state was developed at this University. Her pioneering work in regional library cooperation has become a national model. Her prominent position in national art associations has earned for her deserved recognition as a leading librarian in her field. An alumna of this University, she has brought great credit to her alma mater. Even more importantly, she has provided all who have been privileged to be her colleagues with an inspiring example of professional excellence.

**Grady Smith**  
**Distinguished Service Award**

Former Administration Building custodian, Grady Smith served this University for many years with great dignity and efficiency. His gracious smile, his personal charm, his humane attitude, and his total loyalty to this institution all joined to make him a symbol of the countless members of the supporting staff who dedicate their lives to this University and without whom it could not function. His friendly approach endeared him to all who worked with him. His personal standards of performance were of the highest order. In their own special way, his unique contributions have added their measure to the stature of The Ohio State University. The high character and quality of his service will stand as a model and a continuing challenge to all who follow.

**Leo G. Staley**  
**Distinguished Service Award**

Professor and director of intra mural sports emeritus, Leo G. Staley served this University for 40 years with vision and vitality and played a key role in enriching the lives of thousands of students. Under his leadership for 27 years, the intramural program flourished. He added new sports, increased the number of teams, and promoted the program through an annual handbook—all with the objective of encouraging more students to share the values and benefits of intramural competition. Active in many other aspects of University life, he was well-known for 25 years as the Voice of the Buckeyes at home football and basketball games. Students for generations to come will continue to benefit from his outstanding service and the many contributions he made to his alma mater.

**I. Keith Tyler**  
**Distinguished Service Award**

Professor emeritus in the College of Education, I. Keith Tyler has been an international leader for more than four decades in the use of radio and television for educational purposes. For 27 years he was the guiding force behind the Institute for Education by Radio and Television. In 1936, he established the highly prized Ohio State Awards to recognize and foster excellence in broadcasting. A gifted and dedicated teacher, he took particular interest in helping foreign students develop programs that could be transferred to other cultures. Through them his influence continues worldwide. The honors he has received can suggest only in a limited way the significance of his many contributions, the high regard and affection of his colleagues, and the unusual distinction with which he has served this University.

**Francis P. Weisenburger  
Distinguished Service Award**

Professor emeritus of history, Francis P. Weisenburger served this University for nearly 50 years with a dedication surpassed only by his unfailing consideration of students and colleagues alike. His scholarly writing provides a rich heritage for students of Ohio history. His exceptional ability to inspire students was widely recognized. Not least among his many lasting contributions to this University is his book, *The Fawcett Years, 1956 to 1972*. The research and writing that went into this volume of the University's history were a labor of love, reflecting a continuing devotion to his scholarly discipline and to the University he served so well for so long. He has earned the abiding affection and respect of his students and colleagues, the ultimate tribute to one who pursues the academic life.

# The Graduate School

Dean: Jules B. LaPidus

## Doctor of Musical Arts

Robert Michael Daugherty, Jacksonville, N. C.; B.A. (Denison University); M.A.; Music; Dr. Marshall H. Barnes

Eric Paul Ohlsson, Hammond, La.; B.M.Ed. (Madison College); M.M.; Music; Dr. Robert A. Titus

## Doctor of Philosophy

Joseph Adegboyega Abioye, Iwo, Nigeria; Diploma (Ahmadu Bello University); B.A. (University of Ife); M.A.; Physical Education; Dr. Seymour Kleinman

James Bruce Achmoody, Columbus; A.B. (Ashbury College); M.S.; Poultry Science; Dr. John R. Chipley

Dwayne Alfred Adcock, Eugene, Ore.; B.A. (Mt. Angel Seminary); M.S. (University of Oregon); Education; Dr. Gilbert A. Jarvis

Mary Lewnes Albrecht, Columbus; B.S. (Rutgers University); M.S.; Horticulture; Dr. Harry K. Tayama

Dan Steven Archdeacon, Columbus; A.B. (Earlham College); M.S.; Mathematics; Dr. Henry H. Glover

James Scott Backer, Columbus; B.A. (Rollins College); Genetics; Dr. Carl W. Birky, Jr.

Dalynn Thiel Badenhorst, Archbold; B.S.Ed., M.Ed. (Bowling Green State University); Physical Education; Dr. Edward L. Fox

Harish Chander Bahl, Punjab, India; B.M.E. (University of Delhi); M.Tech. (Indian Institute of Technology); Business Administration; Dr. Larry Paul Ritzman

Linda Moffatt Bainbridge, Newark; B.F.A. (Ohio University); M.A.; Education; Dr. Lonnie H. Wagstaff

Douglas Wayne Balogh, Columbus; B.S. (Bowling Green State University); Chemistry; Dr. Leo A. Paquette

Edward Michael Bamber, Columbus; B.Ec. (Monash University); Accounting; Dr. Thomas J. Burns

Keith Douglas Barnes, Columbus; B.S. (Lock Haven State College); Chemistry; Dr. John A. Secretat

Badmad Bastani, Tehran, Iran; B.S. (University of Arkansas); M.S.; Electrical Engineering; Dr. Martin O. Thurston

Carlton James Bates, Gahanna; B.S., M.S. (Pennsylvania State University); Mechanical Engineering; Dr. Ernest O. Doebelin

Behzad Bavarian, Tehran, Iran; B.Sc. (Teheran University); Metallurgical Engineering; Dr. Digby D. Macdonald

Girma Begashaw, Sidamo, Ethiopia; B.S. (Haile Sellassie University); M.S. (Michigan State University); Agricultural Economics and Rural Sociology; Dr. Dale W. Adams

Philip Anthony Belcastro, Columbus; B.A. (Brooklyn College); M.A. (Western Kentucky University); Health (Physical) Education; Dr. Philip Heit

Alan Paul Bender, Columbus; B.A., B.S.Vet.Med., M.S., D.V.M. (University of Minnesota); Veterinary Preventive Medicine; Dr. C. C. Richard Dorn

Rosemarie Ann Benya, Columbus; B.A. (Notre Dame College); M.A. (Middlebury College); Education; Dr. Edward D. Allen

Donald Lee Brannan, Worthington; B.A. (Wichita State University); M.Ed. (College of Idaho); Education; Dr. Aaron J. Müller

Jerome Richard Brockway, Worthington; B.S., M.E. (Bowling Green State University); Education; Dr. James E. Sage

Annick Girard Brown, Columbus; License d'Anglais (University of Nantes); M.A. (Pennsylvania State University); Romance Languages and Literatures; Dr. Hans E. Keller and Dr. David A. Griffin

Maynard Sexton Burkett, Columbus; B.S., M.S.Ed. (Virginia Polytechnic Institute); Agricultural Education; Dr. Lawrence H. Newcomb

Michael Fletcher Burnett, Spartanburg, S. C.; B.S.Ag.Ed., M.Ag.Ed. (Clemson University); Agricultural Education; Dr. J. David McCracken

Carl T. Camden, Columbus; B.A. (Southwest Baptist College); M.A., M.S. (Central Missouri State University); Communication; Dr. Michael T. Motley

Eduardo S. Canlas, Manila, Philippines; B.S., M.A. (Xavier University); Agricultural Economics and Rural Sociology; Dr. Donald W. Larson

Arthur Joseph Cara, Columbus; B.A. (University of Dayton); M.A. (University of North Carolina); Communication; Dr. Joseph J. Makay

Wayne Jeffrey Carlson, Columbus; B.S. (Rensselaer Polytechnic Institute); Astronomy; Dr. Eugene R. Capriotti

Robert Wayne Case, Columbus; B.S. (State University College of Brockport); Physical Education; Dr. Barbara A. Nelson

John Carroll Chitwood, Xenia; B.A., M.A. (University of Texas); Public Administration; Dr. Sven B. Lundstedt

Bong Dae Choi, Taegu, Korea; B.S., M.S. (Kyungpook National University); Mathematics; Dr. Louis Sucheston

Wing-Sun Chow, Hong Kong; B.P. (Washington State University); Pharmacy; Dr. Louis Malspeis

Frank Joseph Cody, Cleveland; A.B., M.A. (Loyola University); Education; Dr. Walter G. Hack

Robert H. Colson, Columbus; B.A. (University of Notre Dame); M.A.; Accounting; Dr. Thomas J. Burns

Shelby Crowe, Dayton; A.B. (Eastern Kentucky State University); M.Ed. (Miami University); Education; Dr. Elsie J. Alberty

Lawrence Emmanuel Dalzine, Xenia; B.A. (Texas Southern University); M.A. (University of Houston); Sociology; Dr. John Seidler

Palash Kusum Parijat Das, Bombay, India; B.S. (University of Poona); M.S. (Indian Institute of Technology, Bombay); M.S.; Physics; Dr. K. Narahari Rao

Daniel Leifeld Davis, Westerville; B.A. (Otterbein College); M.Ed. (Kent State University); Education; Dr. James V. Wigtill

Hazel C. Davis, Frankfort, Ky.; B.S. (Madison College); M.A. (Western Kentucky University); Education; Dr. Anthony A. Olizock and Dr. Aaron J. Miller

Jerry Grant Davis, Worthington; B.A., M.Ed. (Central State College); Education; Dr. Otto Santos, Jr.

Barbara Ann Dean, Nashua, N. H.; B.S. (Rensselaer Polytechnic Institute); Chemical Physics; Dr. Philip E. Wigen

Steven Roland DeLapp, Minneapolis, Minn.; B.S., M.Ed. (University of North Dakota); Education; Dr. Charlotte S. Huck

Mary Alice Desiderio, Columbus; B.S. (Florida State University); M.S.; Physiology; Dr. Kenneth M. Hanson

Carmen Diaz, Columbus; B.A., M.S.W. (University of Puerto Rico); Social Work; Robert M. Ryan

Phillip Edward Duren, Hartsville; B.S. (University of Kentucky); Education; Dr. Alan R. Osborne

Donald Michael Ehret, Canton; B.A. (Mount Union College); M.A.; Theatre; Dr. Donald R. Glancy

Sheva Farkas, South Euclid; B.F.A., M.A. (New York University); Communication; Dr. Joseph M. Foley

Patrick James Fell, Fredericksburg, Va.; B.S., M.A. (Pennsylvania State University); M.S.; Geodetic Science; Dr. Ivan I. Mueller

Donald Lewis Fischer, Columbus; B.S. (Southern University and Agricultural and Mechanical College); M.A.; Psychology; Dr. Robert C. MacCallum

Jeffrey Douglas Fisher, Dublin; B.S. (Purdue University); M.B.A. (Wright State University); Business Administration; Dr. Ronald L. Raester

- Michael William Fleming, Manchester, Conn.; B.S. (Fairfield University); M.S.; *Zoology*; Dr. John D. Harder
- Sherry L. Dupere Flinchum, Cincinnati; B.S., M.S. (University of Cincinnati); *Microbiology*; Dr. Bruno J. Kolodziej
- Harry Ford, Philadelphia, Pa.; B.S. (Saint Joseph's College); *Biochemistry*; Dr. Edward J. Behrman
- Douglas John Forsyth, Columbus; B.S. (Carleton University); M.S.; *Zoology*; Dr. Tony J. Peterle
- Yiu Kai Fung, Hong Kong; B.S. (University of Wisconsin); *Pharmacy*; Dr. Norman J. Uretsky
- Howard Ray Gamble, Milford, N. J.; B.S.; (Lafayette College); M.S. (Adelphi University); *Zoology*; Dr. Peter W. Pappas
- David Michael Gange, Belleair Bluffs, Fla.; B.S. (Tulane University); *Chemistry*; Dr. Philip D. Magnus
- Cicek Gercel, Tallahassee, Fla.; *Medical Microbiology*; Dr. Vincent V. Hamparian
- Bahman Ghorashi, Euclid; M.S.; *Chemical Engineering*; Dr. Robert S. Brodkey
- Jack Herbert Goldman, Columbus; B.S. (State University of New York); M.S.; *Environmental Biology*; Dr. Sheldon I. Lustick
- Sylvie J. Gosselin, Saint Damase, Canada; D.V.M. (University of Montreal); *Veterinary Pathobiology*; Dr. Charles C. Capen
- William Robert Gower, Jr., Columbus; B.A. (University of Delaware); *Biochemistry*; Dr. David H. Ives
- Joan Neff Louise Gurney, Columbus; B.A. (University of Delaware); M.A.; *Sociology*; Dr. Richard J. Lundman
- Austin Kent Hagan, Levittown, Pa.; B.S. (Indiana University of Pennsylvania); M.S.; *Plant Pathology*; Dr. Philip O. Larsen
- Gloria Wanchick Hall, Indianapolis, Ind.; B.S.Ed. (Clarion State College); *Education*; Dr. Sharon E. Fox
- Johannes Ernst Harl, Nuernberg, West Germany; B.A. (University of Erlangen); M.B.A. (University of Muenchen); *Business Administration*; Dr. Larry P. Ritzman
- Nancy Ann Hawes, Sidney; M.A.; *Communication*; Dr. Paul S. Niewander
- Richard Lee Henry, Columbus; B.A. (University of Northern Colorado); M.S. (Cleveland State University); *Physics*; Dr. David B. Tanner
- Lynne E. Hobstetter, Columbus; B.S., M.S. (State University of New York, Albany); M.A.; *Psychology*; Dr. Henry R. Angelino
- John Thomas Holton, Columbus; A.B. (University of Illinois); *Education*; Dr. Robert B. Sutton
- Lawrence Donald Howell, Dayton; B.S. (U.S. Air Force Academy); M.S.; *Industrial and Systems Engineering*; Dr. Walter C. Giffin
- Amri Jahl, Bogor, Indonesia; Indinyur (Rogor Agricultural University); *Agricultural Education*; Dr. Lawrence H. Newcomb
- Ann Louise Wolf Javitch, Columbus; B.A. (Russell Sage College); M.E.D. (Boston College); *Education*; Dr. Joseph J. Quaranta, Jr.
- David Gerald Javitch, Columbus; B.A., M.A.; *Education*; Dr. Donald J. Tosi
- Reid Jilek, Gahanna; B.S. (Southern Illinois University); *Zoology*; Dr. John L. Crites
- Rebekah Lee Jorgensen, Santa Barbara, Calif.; B.A., M.A.; *Communication*; Dr. Robert W. Wagner
- Andrew Mark Juhas, Columbus; A.B. (Ohio University); M.A.; *Social Work*; Dr. Joseph J. Parnicky
- Max Earl Kanagy, Columbus; B.S.; *Education*; Dr. Willis E. Ray
- Allen Jeffrey Karlin, Santa Barbara, Calif.; B.A. (Queens College); M.A. (Illinois State University); *Communication*; Dr. Victor D. Wall, Jr.
- David Michael Kemme, Fairfield; B.A. (Miami University); M.A.; *Economics*; Dr. Thomas A. Wolf
- Mary Theresa Kim, Worthington; A.B. (University of Rhode Island); A.M.L.S. (University of Michigan); *Education*; Dr. William E. Loadman
- Youngna Kim, Columbus; B.A. (Muhlenberg College); M.A.; *History of Art*; Dr. Mathew Herban, III
- Shirley Gilliland Kindrick, Columbus; B.S., M.S.; *Home Economics*; Dr. Virginia M. Vivian
- Reynard John Kinkel, Bexley; B.A. (Saint Joseph College); *Sociology*; Dr. Kent P. Schweirian
- Richard Kee Knipe, Crooksville; B.S.; M.S. (University of Connecticut); *Animal Science*; Dr. George R. Wilson and Dr. Thomas W. Beck
- Phyllis Jean Kozlowski, Oak Lawn, Ill.; B.F.A. (Mundelein College); M.Ed. (Northern Illinois University); *Art Education*; Dr. Kenneth A. Marantz
- John Carl La Duke, Houston, Tex.; B.S., M.S. (Texas Technical University); *Botany*; Dr. Tod F. Stuessy
- Willie D. Larkin, Dayton; B.S., M.Ed. (Tuskegee Institute); *Agricultural Education*; Dr. Lawrence H. Newcomb
- John Allen Ledingham, Springfield; B.A., M.A.; *Education*; Dr. I. Keith Tyler
- Shu Hong Lee, Kowloon, Hong Kong; B.S. (National Taiwan University); M.S.; *Electrical Engineering*; Dr. Roger C. Rudduck
- Alar Lipping, Oxford; B.A., M.S. (Queens College); *Physical Education*; Dr. Bruce L. Bennett
- Susan Joyce Litton, Columbus; B.A. (University of Reading); M.A.; *Romance Languages and Literatures*; Dr. Robert D. Cottrell
- Aubrey Earl Long, Gainesville, Fla.; B.S. (Lane College); *Education*; Dr. Dewey A. Adams
- Cheryl Meredith Lowry, Columbus; B.A., M.A.; *Education*; Dr. I. Keith Tyler
- Elizabeth Ann Madson, Columbus; B.A. (Ohio Wesleyan University); M.A.; *Education*; Dr. John B. Hough
- Olumide Omonije Makinde, Ado-Ekiti, Nigeria; B.A. (University of Ibadan); M.A.; *Art Education*; Dr. Kenneth A. Marantz
- Ira Bernard Mantz, Bronx, N. Y.; B.S. (City College of New York); M.S. (University of Wisconsin); *Chemical Physics*; Dr. David O. Edwards
- Thomas Anthony Maraffa, Columbus; B.A., M.A.; *Geography*; Dr. Edward J. Taaffe
- Maurice Rudolph Marshall, Columbus; B.S. (Duquesne University); *Food Science and Nutrition*; Dr. Grady W. Chism, III
- Joseph Raymond Mayo, Youngstown; B.A. (Hiram College); *Pharmacy*; Dr. Dennis R. Feller
- Elaine Lang McKee, Columbus; B.A. (Wright State University); M.A.; *Education*; Dr. Gilbert A. Jarvis
- Marie-Claire Menard-Hall, Columbus; Licence, De La Maitrise (University de Poitiers); M.A.; *Romance Languages and Literatures*; Dr. Micheline P. Besnard-Coursodon
- Hrushikesh Narhar Mhaskar, Nagpur, India; B.Sc. (Nagpur University); M.S. (Indian Institute of Technology, Bombay); M.S., M.S.; *Mathematics*; Dr. Geza Freud and Dr. Paul G. Nevai
- James Steven Miller, Columbus; B.S. (Bluffton College); M.D.; *Physiological Chemistry*; Dr. David G. Cornwell
- Michael Lee Miller, Alexandria, Va.; A.B. (Wheeling College); M.A.; *History*; Dr. Franklin J. Pegues



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- Melanie Hudspeth, La Junta, Colo.; B.S. (University of Southern Colorado); *Journalism*
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- Garnet Begoon Hume, Worthington; B.S.Ed.; *Education*
- Sandra Kay Hupp, Waldo; B.S.; *Education*
- Margaret Ann Idzkowski, Toledo; B.A. (Mary Manse College); *Education*
- Kari Fougner Inglis, Columbus; B.A. (University of Rochester); *Education*
- Susan Nellis Jack; B.A. (Muskingum College); *Education*
- Hope Victoria Paxton Jackson, Columbus; B.S. (Central State University); *Education*
- Marcia Ann Jackson, Bryan; B.S.; *Education*
- Marcy L. James, Berea; B.A. (Baldwin Wallace College); *Journalism*
- Phyllis Gill James; B.S.Ed.; *Education*
- Melissa Jolly Jamieson, Worthington; B.S. (Miami University); *Education*
- Lawrence Edward Jasud, Chicago, Ill.; B.S. (Southern Illinois University); *Photography and Cinema*
- Janet Marie Jenkins, Mansfield; B.S.; *Education*
- Brenda Jean Jolley, Tuscaloosa, Ala.; B.A. (Stillman College); *Music*
- Debra Lynn Claypool Jones, Newark; B.A. (Muskingum College); *Education*
- Delores Jones, Youngstown; B.A. (Kent State University); *Journalism*
- Karen Allen Jones, Walton, N. Y.; B.S. (State University of New York at Oneonta); Master of Divinity (Methodist Theological Seminary); *Education*
- Ronald Wayne Jornd, Columbus; B.S. (Franklin University); *Education*
- Ann Marie Turza Karvasky, Reynoldsburg; B.S. (Bowling Green State University); *Education*
- Jon Franklin Katz, Youngstown; A.B. (Harvard University); *English*
- Kathleen Kennedy, Columbus; B.S.Ed.; *Education*
- Kathleen Kern, Toledo; B.S. (Bowling Green State University); *Education*
- Karen Aliene Kersh, Gallion; B.A. (Hiram College); *Education*
- Karen S. Kiss, Atwater; B.S. (Kent State University); *Education*
- Walter Joseph Klimaski, Jr., Dayton; B.S. (Ashland College); *Physical Education*
- Mary Ann Klosterman, Enon; B.A. (Wittenberg University); *Physical Education*
- Denise Lamm Kneisley, Springfield; B.S.; *Education*
- Angela Marie Knight, Plymouth, N.C.; B.S. (Elizabeth City State University); *Education*
- Elaine Jean Kohen, Columbus; B.A. (University of Kentucky); *Education*
- Candace S. Koltun, Columbus; Bachelors of Education (Capital University); *Education*
- Somying Komolkitti, Bangkok, Thailand; B.A.; *Education*
- Carolyn K. Konzen, Worthington; B.S.Ed.; *Music*
- Ann Deborah Kramer, Baltimore, Md.; B.A. (University of Virginia); *Slavic and East European Languages and Literatures*
- Debra Pam Krasney, Cleveland; B.S.Ed.; *Education*
- Gail D. R. Krieger, Mansfield; B.S. (Syracuse University); *Psychology*
- Marilyn Wilson Kuhlmann, Westerville; B.S. (Capital University); *Education*
- Ruth Spengler Kuntz, Columbus; B.A. (Defiance College); *Education*
- DaThu LaLonde, Columbus; Bachelor, Master (West Virginia University); *Education*
- Donna Converse Lawrence, Marion; B.S.Ed.; *Education*
- Jane Ellen Milligan Leemhuis, Columbus; B.A.; *Communication*
- Carole Suzanne Lemieux, Montville, Conn.; B.A. (University of Connecticut); *Education*
- Bernadean Smith Lewis, Jacksonville, N.C.; B.S. (University of Arkansas at Pine Bluff); *Education*
- Leon Edson Lewis, III; B.S. (Bowling Green State University); *Education*
- Willie B. Lewis, Hampton, Va.; B.S. (Norfolk State College); *Education*
- Michael Joseph Lind, Columbus; B.S.Ed.; *Education*
- Deborah Haley Littrell, Oxford, Miss.; B.A.; *Education*
- James R. Long, Columbus; B.S.; *Physical Education*
- Susan M. Lonsdale, Cleveland Heights; B.S. (Miami University); *Physical Education*
- Beal David Lowe, Columbus; B.A. (Earlham College); *Psychology*
- David Lee Lower, Delaware; B.A. (Capital University); *Education*
- Laura Frances Ludwig, Willoughby; B.S. (St. Joseph's College); *Education*
- Mark Douglas Lutz, Circleville; B.A.; *Education*
- Barbara J. Lyter, Columbus; B.S.Education (Miami University); *Education*
- Mark R. Magee, Columbus; A.B. (Wheeling College); *Education*
- Paul Thomas Magree; B.Mus.Ed.; *Education*
- Marian Jane Mahfood, El Paso, Tex.; B.A.; *Communication*
- Ann Therese Mahoney, Toledo; B.S. (Bowling Green State University); *Education*
- Patricia Denise Maiden, Washington, D. C.; B.A. (Howard University); *Journalism*
- Pete Marinello, Jr., Columbus; B.A.Jour.; *Education*
- Susan Ann Mayberry, Circleville; B.A. (Otterbein College); *English*
- Jennifer Reichard McConnell, Dayton; B.A. (Smith College); *Education*
- Janet J. McDonald, Bexley; B.A. (University of North Carolina); *Education*
- Timothy Allen McGuire, Newark; B.S.Ed.; *Education*
- Cathy DeLois McLaurin, Fayetteville, N. C.; B.S. (Fayetteville State University); *Education*
- Anita Faye McLaughlin, Pelham, N. C.; B.A. (North Carolina Central University); *Education*
- Shelley Baker McLoughlin; B.S.Ed.; *Education*
- Kathleen McNamara, Dayton; B.S.; *Education*
- Donald Glenn Meadows, Northville, Mich.; B.A. (Wayne State University); *Journalism*
- Janet Beth Merrill, Dearborn, Mich.; B.S. (Eastern Michigan University); *Education*
- Joan Ellen Mezner, Niterói, Brazil; B.A. (Bryan College); *History*
- Phyllis Margaret Michaelis, Columbus; B.A. (Hebrew University); *Communication*
- Dennis B. Middleton, Zanesville; B.A. (Muskingum College); *Education*
- James Marion Miller, Delphos; B.S.Ed.; *Education*
- Karl David Miller, Wilberforce; B.A. (Central State University); *Political Science*
- Mary Katherine Miller, Columbus; B.S.; *Education*
- John A. Millisor, Marion; B.S.; *Education*
- Katherine Y. Mills, Long Beach, N. Y.; B.S.Ed.; *Education*
- Roberta Fouts Mills, Columbus; B.S.Mus.Ed.; *Education*
- Cheryl Annette Mobley, Philadelphia, Pa.; B.S. (Cheyney State College); *Education*
- Julianne Mogavero, Logan; B.A. (Ohio University); M.S.W.; *Public Administration*
- Robert Elmer Monahan, Jr., Columbus; B.S.Ed.; *Physical Education*
- Judy Montfort, Cleveland; B.S. (Oakwood College); *Journalism*
- Sherita Gayle Moon, Clinton, S. C.; B.A. (Benedict College); *Political Science*
- Barbara H. Moore, Columbus; B.S. (Illinois State University); *Education*
- John Walter Moore, Hilliard; B.S.; *Education*
- Patricia F. Morris, Memphis, Tenn.; B.A. (Le Moyne-Owen College); *Journalism*
- Daniel Matthew Morrison, Delaware; B.A. (Rutgers College); *Education*

- Grant Lee Moses, Jr., Nashville, Tenn.; B.A. (Vanderbilt University); *Physical Education*
- Barbara J. Motley, Columbus; B.S. (University of Akron); *Education*
- Linda Anne Motosko, Youngstown; B.S. (Youngstown State University); J.D.; *Education*
- Jay Stuart Moyer, Columbus; B.Mus.Ed.; *Music*
- Otieno Mare Munala, Maseno, Kenya; B.S. (University of Wisconsin); *Communication*
- Susan Swan Mura, Bryson City, N. C.; A.B. (Duke University) *Communication*
- Charles C. Murray, Columbus; B.S.Bus.Admin. (Franklin University); *Public Administration*
- Sally Adkisson Nabil, Champaign, Ill.; B.A., B.A. (University of Illinois); *Education*
- Lynne D. Needle, Scranton, Pa.; B.S.Ed. (Ohio University); *Education*
- Marian Popich Neighbor, Pickerington; B.S.Ed.; *Education*
- Wanda E. Nelms, Baldwin, Miss.; B.S. (Central State University); *Education*
- Marti B. Netler, Columbus; B.S.Ed.; *Communication*
- Annette Nice, Norton; B.S.; *Education*
- Terri-Ann Teruko Nishiguchi, Honolulu, Hawaii; B.Ed. (University of Hawaii); *Physical Education*
- Mark Allen Nordstrom, Cincinnati; B.A.; *Journalism*
- Chimezie A. B. Osigweh, Owerri, Nigeria; B.S. (East Tennessee State University); *Political Science*
- Betsy Lynn Ostrander, Gambier; B.S. (Otterbein College); *Education*
- Michael D. O'Sullivan, Columbus; B.A. (Indiana University of Pennsylvania); M.S.W.; *Public Administration*
- Jean M. Packo, Niles; B.S. Education (Youngstown State University); *Education*
- Charlene D. Palmer, Toledo; B.A. (University of Toledo); *Education*
- Edward Henry Palmer, Columbus; B.S.; *Education*
- Cynthia Marie Parker, Crewe, Va.; B.S. (Virginia State College); *Education*
- Jill Elaine Parker, Canfield; Cert.Grad.Dent.Hyg., B.S.Ed.; *Education*
- Mary Louise Pasholk, Columbus; B.A., M.C.R.P.; *Public Administration*
- Pamela Gail Patsch, Greensboro, N. C.; B.A. (North Carolina State University); *Psychology*
- Esther Shanton Pavelka, Worthington; A.B. (Erskine College); *Education*
- John E. Pendolino, Massillon; B.A. (University of Akron); *Journalism*
- Judy Sullivan Perry, White Mills, Ky.; B.A. (Western Kentucky University); *Education*
- Melinda A. Peters, Columbus; B.A.; *Education*
- Thomas H. Petty, Whitehall; B.A. (Capital University); *Physical Education*
- Linda Elizabeth Phelps, Monroeville, Pa.; B.S. (Slippery Rock State College); *Physical Education*
- Mark Wilson Phillips, Cardington; B.A.; *Photography and Cinema*
- Marie Dolores Piehuta, Warren, Pa.; B.S. (University of Pittsburgh); *Physical Education*
- Lori Jane Piotrowski, Columbus; B.A.; *Romance Languages and Literatures*
- Gregory William Polnasek, Union Grove, Wis.; Bachelor of Business Administration (University of Wisconsin at Eau Claire); *Physical Education*
- David Rannells Powell, Lancaster; B.S.Ed. (Ohio University); *Education*
- Nancy L. Preston, Oak Hill; B.S. (Rio Grande College); *Education*
- Raja Govindasamy Ramakrishnan, Madurai, India; B.A., M.A. (Madurai University); *English*
- Joseph C. Ramsey, Jr., Columbus; B.S.Ed.; *Education*
- Carol Ann Reed, Wyomissing, Pa.; B.A. (Marietta College); *Education*
- Roberta J. Reeves, West Jefferson; B.S. (Wright State University); *Education*
- Margaret Regis, Berea; B.S.Ed. (Ohio University); *Education*
- Robert Joseph Riggan, Savannah, Tenn.; B.S. (Tennessee Technological University); M.A., M.Divinity (Methodist Theological School); *Education*
- Glencie C. Roberts, Dublin; B.A.; *Education*
- Kathleen Ersfeld Robinson, Columbus; B.S. (Mankato State University); *Education*
- James H. Rodenmayer, Reynoldsburg; B.A. (Muskingum College); *Education*
- Joyceelyn Yvonne Rossington, St. Croix, Virgin Islands; B.A. (College of the Virgin Islands); *Education*
- Stephen Thompson Rourke, McLean, Va.; B.A. (University of Virginia); *Physical Education*
- Karen Diane Huvler Rowley, Mansfield; B.S. (Bowling Green State University); *Education*
- Barbara R. Rush, Granville; B.A. (William Paterson College of New Jersey); *Education*
- Christine Dianne Russell, Columbus; B.S. (Bowling Green State University); *Education*
- Nazanin Sadr, Tehran, Iran; B.A.; *Romance Languages and Literatures*
- Beth Marie Salisbury, Liverpool, N. Y.; B.S. (State University of New York at Geneseo); *Education*
- Ajao O. Salu, Lagos, Nigeria; B.A.; *Black Studies*
- Stephanie Anne Sarris, Columbus; A.B. (Oberlin College); *Education*
- Kenard E. Saunders, Gallipolis; B.S. (Rio Grande College); *Education*
- Sewall C. Sawyer, II, Columbus; B.A. (Dartmouth College); *Journalism*
- Pamela Ann Scannell, Toledo; Cert.Grad.Dent.Hyg., B.S.Ed.; *Physical Education*
- Nancy A. Schaub, Monaca, Pa.; B.S. (University of Pittsburgh); *Psychology*
- Deborah Ellen Schipper, St. Marys; B.A.; *Journalism*
- Linda Gail Schoen, Columbus; B.A.; *Psychology*
- Carla Lynn Schultheis, Lancaster; B.A. (Capital University); *Education*
- Lynn C. Schweizer, Granville; B.S. (Ohio University); *Physical Education*
- Marlynn D. Schwenk, Columbus; B.S.Ed. (Ohio Dominican College); *Education*
- Jerry Neil Sedwick, Groveport; A.B. (Milligan College); *Education*
- Thomas S. Seidel, Wausau, Wis.; Bachelor of Business Administration (University of Wisconsin at Eau Claire); *Physical Education*
- Mark R. Sellers, Springfield; B.S. (Miami University); M.S.W.; *Public Administration*
- Ruth Elaine SESCO, Columbus; Bachelor of Music (Seton Hill College); *Music*
- Carolyn Jean Seymour, Shiloh; B.S.Ed.; *Education*
- Thomas G. Shade, Worthington; B.S.Ed. (Ohio University); *Education*
- Karen Shafer, Columbus; B.S., M.S.W.; *Public Administration*
- Joseph W. Shannon, III, Columbus; B.A. (Ohio Dominican College); *Psychology*
- Melvin T. Sharpe, Philadelphia, Pa.; B.A.; *Black Studies*
- Susan Lee Sheragh, Canal Fulton; B.A. (College of the Ozarks); *Education*
- Joy A. Shneider, Lincoln, Neb.; B.F.A. (University of Denver); *Industrial Design*
- Kenneth Allen Sholes, Tioga, W. Va.; B.A. (Shepherd College); *Education*
- Sussan Siavoshi, Iran; B.S. (Pahlavi University); *Political Science*

- Kevin James Skehan, Columbus; B.A. (Boston College); *Education*
- Janice Roaden Skelton, Columbus; B.S. (Bowling Green State University); *Education*
- Robert Dale Skinner, Columbus; B.S.Ed.; *Education*
- Cheri Rae Slinger, Dublin; B.S. (Miami University); *Education*
- Carol Ann Smith, Canton; B.S. (Bowling Green State University); *Education*
- Lorri Ann Smith, North Randall; B.A.; *Communication*
- William Frederick Smith, Laramie, Wyo.; B.A. (University of Wyoming); *Theatre*
- Loretta Ann Westhoven Snyder, Liberty Center; B.S.Ed.; *Education*
- Debra Lynn Starkey, Steubenville; B.S.Soc.Wel.; *Public Administration*
- John Davis Stegman, Columbus; B.A. (Butler University); *Communication*
- Rebecca Balint Steinebrey, Columbus; B.A.; *Education*
- Glenna S. Stemen, Reynoldsburg; B.S.; *Education*
- Temple René Stewart, Hampton, Va.; B.S. (Virginia State University); *Education*
- Susan Joan Stockman, Pittsburgh, Pa.; B.A. (LaRoche College); *Psychology*
- Robert Weston Stockum, New Concord; B.S.Ed. (Ohio University); *Education*
- Peggy Stokes, Elyria; B.S.Ed. (Ohio University); *Education*
- Suellyn Sykes Stotts, Lima; B.A.; *Education*
- Sharon Weakley Stricker, Newark; B.S.Ed. (Ohio University); *Education*
- Judy Orr Stubblefield, Charlotte, N. C.; B.A. (North Carolina Central University); *Education*
- George Dana Stuckey, Gahanna; B.S. (Capital University); *Physical Education*
- Kay Ann Subich, Circleville; B.A. (Otterbein College); *Journalism*
- Wayne Harris Sullivan, Grove City; B.A. (Michigan State University); *Education*
- Sandra Witschy Sutton, Wexford, Pa.; B.A. (Kent State University); *Communication*
- Katherin Swanson-Harbage, Columbus; B.A. (College of Wooster); *Education*
- Susan Jane Swenson, Des Moines, Ia.; B.A. (Luther College); *Education*
- Debra L. Swink, Willoughby; B.A.; *Communication*
- Chun-Yi Karen Tang, Taiwan, R.O.C.; B.A. (National Taiwan Normal University); *Education*
- Barbara Jean Taylor, Columbus; B.S.H.E.; *Education*
- Lenore Ann Taylor, Youngstown; B.S.Ed.; *Education*
- Jean Doris Tedesco, South Glens Falls, N. Y.; B.S. (State University of New York at Brockport); *Physical Education*
- Marjorie Sue Testa, Bowling Green; B.S.Ed.; *Education*
- Shanda Renee Thomas, Shreveport, La.; B.A. (Southern University); *Journalism*
- Robert Lee Thompson, Circleville; B.S.Education (Rio Grande College); *Education*
- Donice Gail Thorne, Cleveland Heights; B.A. (Bethune-Cookman College); *Music*
- Ruth A. Tolson, Lennon, Mich.; B.A. (Asbury College); *Physical Education (Health Education)*
- Claire Elise Travis, Gainesville, Fla.; B.A. (Bryn Mawr College); *Education*
- Kathleen R. Trinnes, Camillus, N. Y.; B.A. (Mount Union College); *Education*
- Kathi Kay Turner, Columbus; B.A. (Marshall University); *Journalism*
- Joseph Conrad Vagi, Lynchburg, Va.; B.S. (James Madison University); *Physical Education*
- Robert Carl Van, Cincinnati; B.A. (University of Cincinnati); *Education*
- Lisa Marie Vandergriff, Madeira; B.S. (David Lipscomb College); *Education*
- Dianne Eileen Vaughn, West Carrollton; B.S. (Wright State University); *Education*
- Gail Arch Vorys, Columbus; B.A. (Wheaton College); *History*
- Geraldine Caryl Fulmer Wagner, Mansfield; B.S. (Cleveland State University); *Education*
- David U. Wallace, Columbus; B.S.; *Education*
- Carol Ann Walter, Columbus; B.S.Ed.; *Education*
- Vicki Lynn Walters, Columbus; B.S.; *Education*
- Sandra Yvonne Waters, Columbus; B.S.Ed.; *Education*
- Sandra Lee Weaver, Minster; Bachelor; *Education*
- Lillian Bird Webb, Worthington; B.A. (Hunter College); *Education*
- Bruce Weil, Cincinnati; B.A. (University of Michigan); *Education*
- Bedonna Rae Weiss, Youngstown; B.A. (Georgetown University); *Psychology*
- Patricia Charles Went, Columbus; B.A. (Maryville College); *Education*
- Mary Kathryn West, Youngstown; B.A. (Youngstown State University); M.S.W.; *Public Administration*
- Paul Dennis Weyand, Columbus; B.S.Ed.; *Education*
- Kay Mowen Whitaker, Columbus; B.S.Ed.; *Education*
- Douglass E. White, Columbus; B.A.; *Public Administration*
- Margaret Knies Whiteis, Upper Arlington; B.S.Ed.; *Education*
- Pamela E. Wiese, Roseburg, Ore.; B.A. (Willamette University); *Music*
- Deborah Schiff Wilburn, Wayland, Mass.; B.A. (Marietta College); *Education*
- Jacqueline Steele Wilder, Columbus; B.S. (Central State University); *Black Studies*
- Alice Handy Williams, Mansfield; B.S.Ed.; *Education*
- Brian J. Williams, Kettering; B.A. (University of Akron); *Journalism*
- Daniel Warren Williams, Bartlesville, Okla.; B.A. (Kansas State University); *Journalism*
- Elizabeth D. Williams, Columbus; B.S.; *Education*
- Evan John Williams, Columbus; B.S.; *Public Administration*
- Addie Denise Wilson, Washington, D. C.; B.A. (Howard University); *Journalism*
- Arthur Donald Wise; B.A.Art (University of Nebraska); *Education*
- Christine I. Woods-Henderson, Westfield, N. J.; B.A. (Jersey City State College); *Psychology*
- Sue Foster Yerian, Coshocton; B.S.Ed.; *Education*
- Killian Ping-Hung Ying, Hong Kong; B.Sc. (University of Houston); *Geography*
- Barbara Kramer Young, Columbus; B.S.Ed.; *Education*
- Cynthia Jo Young, Waterville; Bachelor of Music (University of Cincinnati); *Physical Education*
- Michael Kam-wai Yuen, Toronto, Canada; Bachelor of Commerce (St. Mary's University); *Accounting*
- Friedhelm E. Zanter, Bad Bramstedt, West Germany; Zwischenprüfung (University of Hamburg); *Interdiscipling: Education, Labor and Human Resources and Psychology*
- Deborah Ann Zeirott, Columbus; B.A. (Cedarville College); *Education*
- Suzan Ellen Zink, Cincinnati; B.A. (Cedarville College); *Journalism*
- Steven Jeffery Zureich, Norwalk; Bachelors of Education (Bowling Green State University); *Education*

## Master of Business Administration

- Susan Feld Alexander, Worthington; B.S.; *Business Administration*
- Nebolisa Osita Arah, Onitsha, Nigeria; B.S. (University of Ibadan); *Business Administration*
- Philip D. Axelrod, Columbus; B.S.Bus.Adm.; *Business Administration*

Stephen Thomas Bashaw, Hilliard; B.Mus.; *Business Administration*

Donald Paul Benke, Columbus; B.S. (California State University); *Business Administration*

James H. Benney, Columbus; B.A.; *Business Administration*

John W. Bradford, Columbus; B.A.; *Business Administration*

Richard Riese Brand, Dayton; B.S. (Miami University); *Business Administration*

Christopher C. Carr, Needham, Mass.; B.A. (Ripon College); J.D.; *Business Administration*

Cecilia M. Cebrero, Manila, Philippines; A.B. (Maryknoll College); *Business Administration*

Allen L. Clement, Mentor; B.S. Business Administration (Old Dominion University); *Business Administration*

Jeffrey Warren Craig, Willoughby; B.B.A. (Kent State University); *Business Administration*

Wilson K. Gibbins, Huntington, W. Va.; B.S.; *Business Administration*

Roland Shawn Hagedorn, St. Petersburg, Fla.; B.A. Business Administration (University of South Florida); *Business Administration*

David J. Hess, Pittsburgh, Pa.; B.S. (Duquesne University); *Business Administration*

Patrick D. Howard, Columbus; B.S. (Miami University); *Business Administration*

Patricia Ann Krauser, Louisville, Ky.; Bachelor of Arts (Miami University); *Business Administration*

Kristin Anne Krueger; B.A. (University of Colorado); *Business Administration*

Craig Stephen Martin, North Canton; B.S.; *Business Administration*

Barbara Ann Mason, Columbus; B.S.; *Business Administration*

Venugopalan P. R. Nair, India; B.Sc. (University of Kerala); M.E. (University of Poona); *Business Administration*

William J. Nicholson, Columbus; B.A. Jour.; *Business Administration*

Martha Ann McCoy O'Loughlin, Columbus; B.S.; *Business Administration*

Russell William Queen, Worthington; B.A.; *Business Administration*

Kip York Randal, Columbus; B.B.A. (Ohio University); *Business Administration*

Ronald Edward Ringenberg, Columbus; B.S. (Taylor University); M.S.; *Business Administration*

Thomas Michael Robb, Columbus; B.S. (Oklahoma State University); *Business Administration*

Robert Lawrence Schain, New York, N. Y.; B.S. (State University of New York at Buffalo); *Business Administration*

Gregory L. Seelenbinder, Columbus; B.S.Ed.; *Business Administration*

John Albert Taylor, Columbus; B.S.E.E., M.S.; *Business Administration*

William Brian Tunney, St. Louis, Mo.; B.A. (Duquesne University); *Business Administration*

### Master of City and Regional Planning

Milton Wayne Matthews, Tulsa, Okla.; B.A. (Virginia Union University); M.P.A. (Syracuse University); *City and Regional Planning*

Ethan Seth Ortman, Washington, D. C.; B.A. (University of Maryland); *City and Regional Planning*

Mark Alan Vasko, Ashville; B.S. Arch.; *City and Regional Planning*

John Crawford Wallace, IV, Bellbrook; B.S. Nat. Res.; *City and Regional Planning*

Evan John Williams, Columbus; B.S. Land. Arch.; *City and Regional Planning*

### Master of Fine Arts

Jeffrey D. Basting, Maumee; B.F.A. (Cornell University); *Art*

Mark Anthony Belfonti, Mount Carmel, Pa.; B.F.A. (Pennsylvania State University); *Art*

Alan S. Bennett, Chesterfield; B.F.A.; *Art*

Brent Alan Combs, Boise, Id.; B.F.A. (Boise State University); *Art*

Terry Michael Erickson, Cass Lake, Minn.; B.A., B.S. (Moorhead State University); *Art*

Thomas Harry Evola, St. Louis, Mo.; B.F.A. (Washington University); *Art*

David Justin Hartz; B.F.A. (Akron University); *Art*

Michael Eugene Horvath, Akron; B.F.A. (University of Akron); *Art*

Robert Jeffrey Huff, Akron; B.F.A. (University of Akron); *Art*

Dominic Malizia, Rochester, N. Y.; B.S. (State University of New York at Brockport); *Art*

Norman M. Montifar, Manila, Philippines; B.F.A. (University of the East); *Art*

Robert Gary Sadin, New York City, N. Y.; B.F.A. (University of Texas); *Art*

Carlton Gerrod Thompson, Miami, Fla.; B.S. (Florida Agricultural and Mechanical University); *Art*

Helen Margaret York, Harrington, Me.; B.F.A. (Kent State University); *Art*

### Master of Health Administration

Scott Thomas Beatty, Columbus; B.A. (Wittenberg University); *Allied Medical Professions*

Kathleen Marie Cain, Indianapolis, Ind.; A.B. English (Indiana University); *Allied Medical Professions*

Karen Bonnie Davis, South Plainfield, N. J.; B.A. (Northwestern University); *Allied Medical Professions*

Dayna C. Emmelhainz, Columbus; B.S.Ed.; *Allied Medical Professions*

Robin S. Freeman, Columbus; B.A.; *Allied Medical Professions*

Lois Strickling French, Columbus; B.A.; *Allied Medical Professions*

David Warner Miller, Martin, Tenn.; B.S. (Virginia Polytechnic Institute); *Allied Medical Professions*

Steven Douglas Wolf, Lexington; B.S.; *Allied Medical Professions*

### Master of Labor and Human Resources

Larry Philip Mentz, Houston, Tex.; B.S. (University of Houston); *Labor and Human Resources*

Irene Nowosad, Buffalo, N. Y.; B.A.; *Labor and Human Resources*

### Master of Landscape Architecture

Alisa Oko, Haifa, Israel; B. Arch.; (Technion); *Landscape Architecture*

### Master of Music

Frank Elmer Hanson, III, Stow; B.S. Education (University of Akron); *Music*

Laurie Blough Miller, Deshler; B.Mus.; *Music*

Richard Jordan Smoot; B.A.; *Music*

Viscount Francis Thurston, Columbus; B.Mus.; *Music*

### Master of Public Administration

Jane Karen Gray, Perrysburg; B.S.; *Public Administration*

### Master of Science

Ismail Abdullah, Penang, Malaysia; Diploma (Mara Institute of Technology); B.S.; *Agricultural Economics*

Salwa Muhammad Abdul-Rauf, Egypt; B.S. (Georgetown University); *Computer and Information Science*

Olorunfemi Stephen Aladesulu, Ogbagi, Nigeria; B.Sc. (University of Ife); *Computer and Information Science*



- Mary Jane Allbright, West Milton; B.S.N. (Miami University); *Nursing*
- John Bernard Allen, Columbus; B.A. (Wittenberg University); *Computer and Information Science*
- Reese Lee Allen, Sierra Madre, Calif.; B.S. (California Polytechnic State University); *Animal Science*
- Lucille Marilyn May Kriger d'Amorim Antony, Manaus, Brazil; B.S.; *Entomology*
- Nebolisa Osita Arah, Onitsha, Nigeria; B.Sc. (University of Ibadan); *Agricultural Economics and Rural Sociology*
- Farid Askari, Tehran, Iran; B.S.C.E. (Purdue University); *Civil Engineering*
- Robert L. Barnes, Columbus; B.S.; *Home Economics*
- Randall James Bayer, East Aurora, N. Y.; B.S. (Cornell University); *Botany*
- Gail Boschini Bennett, Seven Hills; B.S. (Bowling Green State University); *Home Economics*
- Mark Edwin Besel, Columbus; B.S.Land.Arch.; *Natural Resources*
- Dale L. Bowman, Springfield; B.S. (Tennessee Technological University); *Agricultural Education*
- Debra DeVore Bragg, Hammond, Ill.; B.S. (University of Illinois); *Home Economics*
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Felix Vega, Maracay, Venezuela; D.V.M.  
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College of Biological Sciences

College of Humanities

College of Mathematical and  
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College of Social and  
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Jeffrey Kenneth Landers, Cincinnati  
Andrew Harry Levy, New Rochelle, N. Y.  
Greg Arthur Merkle, Dayton  
Joel Rene Pascua, Clyde  
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 Linda L. W. Nolan, Columbus  
 Nancy Ann Nye, Upper Arlington  
 Lisa Gottwald Perdue, Columbus  
 Carl Bruce Phillips, Hempstead, N. Y.  
 Alisa Rader, Mansfield  
 Robin Joy Rengstorff,  
 Edgewood Arsnel, MD  
 Kim Yvonne Rivers, Beachwood  
 Shirley Ann Rogers, Fairborn  
 Eric Walter Rothenbuhler, Worthington  
 Joseph Stuart Rowland, Jr., Columbus  
 Susan Mary Ryan, Columbus  
 Nancy Ann Shankman, Englewood, N. J.  
 Christine George Signoracci, Columbus

Douglas L. Sisson, Bidwell  
 James L. Slaughter, Columbus  
 Donna Summerour Smith, Columbus  
 Daniel Paul Stafford, Portsmouth  
 Paul Avram Stanca, Westlake  
 Sharon Louise Stelzer, Rochester, N. Y.  
 Michael David Storer, Dayton  
 Craig Stephen Swartz, Middleburg Hts.  
 David Charles Swasey, New Philadelphia  
 Cynthia Lauren Talbot, Miami, Florida  
 Howard Taub, Beachwood  
 James Clay Tetirick, Columbus  
 Deborah A-E Thom, Columbus  
 Lorah M. Tidwell, Powell  
 Marilyn Reenae Toles, Columbus  
 Mary Elizabeth Ufner, Pepper Pike  
 Barbara Lee Vining, Jacksonsville, Fla.  
 Jimmie Jay Volkert, Hicksville  
 Cyndie Ann Webster, Orange, N. J.  
 Paul Richard Weishampel, Avon Lake  
 Sara Marie West, Columbus  
 Christine Eve Whalen, Columbus  
 Charles L. Wilkins, Columbus  
 Claudia Dianne Williams, Columbus  
 Metre L. Williams, Columbus  
 Lynnette Francine Womack, Garfield Hts.  
 Gregory William Wourms, Dayton

Lindsay S. Gerard, Columbus  
 Kellie Ann Grant, Columbus  
 Jill M. Hardesty, Cazenovia, N. Y.  
 Barbara Jean Hatala, Garfield Hts.  
 Nancy Alicia Hill, Columbus  
 Daniel Owen Hutson, Lima  
 Deborah Ann Justus, Columbus  
 Clara Marie Kenerly, Springfield  
 Jean A. Kinney, Columbus  
 Elizabeth Marie Kowalski, Parma  
 Audrey Hope Krohngold, Coral Gables, Fla.  
 Elena Ann LaFazia, Warwick, R. I.  
 Rebecca Mertens Lusk, Columbus  
 Marianne Maher, Mt. Gilead  
 Donald Steven Mark, Columbus  
 Shari Lynne Marshall, Lanham, Md.  
 Marilyn Elizabeth Orkin, South Euclid  
 Douglas S. Paplaczky, Worthington  
 Jeffrey Allen Petit, Mt. Healthy  
 Sally Beth Romoser, Euclid  
 Mark Steven Shumaker, Columbus  
 Daniel Snow Smith, Cuyahoga Falls  
 Dennis Paul Smith, Cincinnati  
 Robert C. Smythe, Upper Arlington  
 Rebecca Jane Wehausen, Columbus  
 Craig Paul Williamson, Brooklyn  
 Cheryl Anne Wood, Miamisburg  
 Michael G. Zimmerman, Coshocton

## Bachelor of Science

Michael Andrew Borelli, Columbus  
 Bruce Arnold Bruchey, Jr., Frederick, Md.  
 Margaret Ann Busher, Euclid  
 Nanette Theresa Cegala, Zionsville, Ind.  
 William LeRoy Cook, Toledo  
 Diane Cyrgalis, Wilton, Conn.  
 Gary Rolf Denig, Wapakoneta  
 Jerry DiDay, Champion  
 Phyllis Dietrich, Larue  
 Karen Ann Eyberger, Mingo Junction  
 Don L. Halley, Vermillion  
 Diane Corcoran Hutchison, Circleville  
 Mariann Mari Jones, Pemberville  
 Lynn A. Laubach, Wooster  
 James Russell Locke, Marietta  
 Donna Oksana Maleckij, Seven Hills  
 Nancy Ann Morris, Lancaster  
 Linus Udemezue Okeke, Columbus  
 Marybeth Rich, South Amherst  
 Jeffrey Bruce Sanborn, Huron  
 Eric A. Smith, Fostoria  
 Martha Lynne Smith, Columbus  
 Marsha Rucker Turback,  
 South Reynoldsburg  
 Garry Lynn Wiens, Columbus  
 Hong-Ta Younk, Seoul, Korea

## School of Journalism

### Bachelor of Arts in Journalism

John Ernest Bales, Columbus  
 Cheryl Lynn Beck, Cadiz  
 Clarence William Blackhurst, Jr.,  
 Worthington  
 Mary Lynn Burnham-Hicks, Worthington  
 Janice Lynn Carroll, Dayton  
 Douglas Scott Dankworth, Piqua  
 Christine Lynn Fitch, Lisbon  
 Donald Edward Fithen, Mingo Junction  
 Curtis Ross Foe, Columbus

## College of Administrative Science

Dean: H. Justin Davidson

### Bachelor of Science in Business Administration

William Dale Aberegg, Alliance  
 Peter Aitemene Aghimien,  
 Berin City, Nigeria  
 James Richard Ahns, Jr., Minster  
 Michael Alan Ament, Mansfield  
 William Richard Ash, Delaware  
 John Randall Austin, Jr., Lima  
 James Mark Ballard, Middleboro, Ky.  
 Janet Bardin, Dallas, Tex.  
 George Ross Barr, Kettering  
 Philip Bruce Bartlett, Bellefontaine  
 Annette Bassett, Columbus  
 Thomas Charles Baughman, Zanewille  
 Cathleen Ann Belanger, N. Olmsted  
 Marc Edward Beshara, Westerville  
 Thomas Frank Bickar, East Liverpool  
 Timothy Joel Biler, Holgate  
 Alexander Bernd Birnrich, Columbus  
 Brian Steven Black, Cincinnati  
 Elaine Louise Blankemeier, Leipsic  
 Steven James Boone, Westerville  
 Daniel Burton Bowman, Wooster  
 David Carl Brenning, Worthington  
 Kristy Annette Briar, Dayton  
 James Timothy Brooks, Worthington  
 William Royce Brooks, Kansas City, Kans.  
 Joseph T. Brown, Columbus  
 Stanley John Buck, Columbus  
 Jeanette Lois Burck, Buffalo, N. Y.  
 Michael D. Burns, Columbus  
 James Bradley Call, Columbus  
 Kendra Thwaits Cappel, Russells Point  
 Hal Eugene Carl, W. Carrollton  
 Brian Patrick Carmody, Marion  
 David Trowbridge Carroll, Columbus

Samuel Cartell, Yokohama, Japan  
 Michele Elizabeth Casey, Bay Village  
 Dorothy T. Chao, West Covina, Calif.  
 Gary Edward Chihil, Cleveland  
 William John Clinger, Marion  
 Ann Cianflora Cooper, Columbus  
 Wayne Roger Cooper, Westerville  
 David Alan Cornish, Wellington  
 Maria Theresa Coronado, Findlay  
 Susan Elaine Corwin, Columbus  
 Steven David Court, Galion  
 David Cruz, Lorain  
 James Edward Cullinan, Columbus  
 Ernest Leroy Dahlen, III, Columbus  
 Jeffrey David Dambach, Naperville, Ill.  
 Lisa Jayne Damore, Youngstown  
 Jeffrey M. Daulton, Columbus  
 John E. Davidson, Westlake  
 Jon Wilder Davidson, Tipp City  
 Mary Barrett Decker, Columbus  
 Michael David Derosa, St. Clairsville  
 Paul R. Detrick, Lima  
 Rodney Wayne Dew, Newark  
 Gregory George Dinouart, Toledo  
 Cheryl Wright Doarn, Upper Arlington  
 Michael Edward Dooper, Columbus  
 Michael Randall Drapp, Upper Arlington  
 Paul Philip Drukker, Worthington  
 Timothy James Duvick, Worthington  
 Judith Lynn Eakin, Mt. Vernon  
 Margaret Ann Eberly, Columbus  
 Russell R. Eberwein, Jr., Furlong, Pa.  
 Jeffrey Lyle Edmisten, Olympia Fields, Ill.  
 Duane Allen Eidenier, Pioneer  
 Stephen Cornell Elkins, Columbus  
 Christine Ann Enis, Columbus  
 Catherine Ann Faehle, Columbus  
 Judith Ann Favret, Columbus  
 John Ryan Ferneding, Dayton  
 Barry Steven Feldman, Beachwood  
 Gregory Jess Finley, East Liverpool  
 Kevin Michael Flash, Fairview Park  
 Robert Allen Fletcher, Mentor  
 John Martin Frazier, St. Clairsville  
 Kristine S. Frey, Columbus  
 Salvatore Frank Gaglio, Stamford, Conn.  
 Cletus A. Gasson, Morrison, Colo.  
 Amy Lee Goodwill, Mequon, Wis.  
 Robert David Gordon, Jr., Mansfield  
 Stephen Anthony Green, Westlake  
 Sharon Rose Griffin, Enon  
 Beverly Eurlynne Grimm, Richmond  
 Sharon Lee Grow, Mansfield  
 George Gregory Guagenti, Lima  
 Daniel Michael Gutierrez, Niles  
 Kathryn Ann Hagy, Marietta  
 Glen Darrell Hall, Cleveland  
 John Neil Hamill, Columbus  
 Kathleen Marie Hanley, Columbus  
 Gregory Paul Heskett, Elkins, W. Va.  
 Kim-Quy T. Hoang, Columbus  
 Keith Argus Holbrook, Washington C. H.  
 James Earl Holton, Newark  
 Jeffrey Robert Holton, Newark  
 Stephanie Kay Hood, Sylvania  
 Jeffrey Clayton Horne, Gahanna  
 Oma Sue Howard, Galion  
 Agnie Hsia, Purchase, N. Y.  
 Peter Raymond Hurlbut, Lyndhurst  
 Gregory Morris Hutton, Warren  
 James Paul Hyland, Canfield  
 Christopher John Irwin, Columbus  
 Steven Wayne Irwin, Ashland  
 Diane Renee Jackson, Salem  
 Mark Alan Jackson, Columbus  
 Judy Lynn Jones, Mt. Vernon

Valerie Nyalda Jones, Dayton  
 Judith Kaczynski, Harrison, N. J.  
 David Lawrence Kalb, St. Bernard  
 Linda Joan Keegan, Louisville, Ky.  
 David Lee Kehl, Pickerington  
 William Charles Kessinger, Portsmouth  
 Karl Craig Kill, Findlay  
 Eduardo Kirillow, Columbus  
 Charles Randall Kirsch, Grove City  
 Meg M. Kirwin, Columbus  
 Oreta M. Klein, Westerville  
 Donna Lynne Knapp, Elyria  
 Nicholas Ken Kosanovich, Lorain  
 Keith Alan Kuhn, Newark  
 Joel Martin Kuhr, Dayton  
 Anthony Lee Kulka, Mansfield  
 Eric Floyd Kurdys, Toledo  
 Billie J. Langhorn, Cleveland  
 Anthony LaPenna, Mingo Jet.  
 Bryan Ray Latimer, Worthington  
 Judith Jackson Lavine, Ellicott City, Ind.  
 Stacy Forbes Law, Worthington  
 David Marion Leavell, Hicksville  
 Brian E. Lee, Rochester, N. Y.  
 Daniel John Letson, Sylvania  
 Donald L. Levin, Canton  
 Richard Jay Levine, Pittsburgh, Pa.  
 Melissa June Lewis, Cincinnati  
 Marc J. Litvak, Englewood  
 Darrell Eugene Lloyd, Columbus  
 Lynne Darlene Lobdell, Lima  
 Leonard Thomas Loftus, Columbus  
 William Anthony Lotozo, Columbus  
 Larry Tyrone Love, Dayton  
 Paula Jo Lowry, Columbus  
 Thomas George Luffy, Columbus  
 Dennis A. Lust, Martel  
 Rodney M. Lynd, Ironton  
 Patricia Ann Mackey, Curtice  
 Linda Jean Madras, Toledo  
 Mark Andrew Maiberger, Grove City  
 William Allen Main, Athens  
 Douglas Floyd May, Solon  
 Richard Paul McCann, Gahanna  
 Deborah L. McClaskie, Columbus  
 Lloyd Denver McClintock, Jr., Columbus  
 Teresa Ruth McConnell, Bellefontaine  
 Richard F. McDaniel, Nevada  
 David Anthony McElhaney, Massillon  
 Thomas Richard McKinley, Columbus  
 Robert Jay Meek, Coshocton  
 David George Mellett, Columbus  
 Marcia Justine Meyers, Bay Village  
 Timothy Lee Michel, Columbus  
 Robert Mikusa, Bucyrus  
 Raymond Timothy Milet, Parma  
 Chrisdon Matthew Moffett, Lima  
 Masoumeh Mokhtari, Rast, Iran  
 James Robert Mullet, Sugarcreek  
 Gilbert Byron Murphy, Struthers  
 George Raymond Nash, Columbus  
 Charles John Nider, Youngstown  
 Theresa A. Nolan, Dayton  
 Alan Christopher Oda, Greenville  
 Robert Scott Page, Middleburg Hts.  
 Mark Bryant Parke, Akron  
 Ronald Howard Paul, Parma Heights  
 Mark Leonard Penner, Akron  
 Debra Ann Pepper, Baltic  
 Susan L. Perkins, Mansfield  
 Edward Joseph Perz, Mayfield Hts.  
 Steven Scott Phillips, Upper Sandusky  
 Jeff Pizzola, Columbus  
 Christina M. Povenmire, Columbus  
 Carol A. Puskar, Columbus  
 Sheila R. Rankin, Toledo  
 John Russell Ratliff, Shelby

Timothy Glenn Rayl, Thompson  
 Andrea Louise Reasoner, Madison  
 Bruce Joseph Reed, Pomeroy  
 Kathleen Grace Regan, Dayton  
 Gary Richard Reiss, Columbus  
 Annette Maria Riess, Columbus  
 Frank Anthony Rigano, Wapakoneta  
 Kelvin Andre Riley, Cincinnati  
 Ralph Stephen Roba, New Philadelphia  
 Barbara Marie Robertson, Arcanum  
 Cynthia Lynn Robison, Columbus  
 Deborah Kay Roche, Columbus  
 Richard Bruce Roederer, Columbus  
 Greg Clark Rohrs, Columbus  
 Paul Mitchell Rosen, Columbus  
 Scott Rosensweig, Hamilton  
 Barbara Jean Rufo, Lorain  
 Beth Anne Russell, Cincinnati  
 James Mead Russell, Worthington  
 Jimmy Webb Sanborn, Satellite Beach, Fla.  
 Donald James Santisi, Girard  
 Nicholas Rex Sasso, North Canton  
 David Lee Scherz, Norwalk  
 Dan A. Schwenker, Columbus  
 Michael James Segal, Columbus  
 Timothy Edward Seils, Fremont  
 Hamid-Reza Sharifzadeh, Tehran, Iran  
 William Goddard Shawd, Bartlett  
 Phillip Beldon Sherwood, Hubbard  
 Gary Smith Shroyer, Troy  
 Robert James Siegarth, Cleveland  
 Linda Diane Simmons, Kingsport, Tenn.  
 Barbara Howell Smith, Columbus  
 Jack E. Smith, Cincinnati  
 Mary Elizabeth Snider, Columbus  
 Jeffrey Howard Sopp, Columbus  
 Nancy Ellen Spada, Centertown, N. Y.  
 Margaret Elizabeth Spotts, Lyndhurst  
 Andrew James Stover, Columbus  
 Jane Helen Straker, Zanesville  
 Douglas Keith Stranksy, Mansfield  
 Jeffrey Odgen Strine, Ashland  
 Joan Case Suttner, Columbus  
 Beverly Kay Suver, Columbus  
 Keith Gerard Szaronos, Pittsburgh, Pa.  
 Timothy Topp, Kettering  
 Holly Marie Towner, Hudson  
 Vinh Phat Tran, Columbus  
 Thomas Jay Trusler, Uniontown  
 Brent William Van Horn, Van Wert  
 Thomas Peter Vatsures, Delaware  
 Mary Jean Waibel, Columbus  
 Cheryl Lynn Warfield, Warren  
 Craig Leland Watt, Westerville  
 Kevin James Way, Bloomfield Hills, Mich.  
 Jennifer Denise Weathersby, Columbus  
 Joan Glenn Weber, Mansfield  
 David Allan Weinlauf, Milwaukee, Wis.  
 Lawrence Alan Werbeach, Painesville  
 June Anne Wetterstroem, Columbus  
 Michael Joseph Wichelns, Lancaster  
 Bonnie Jean Williams, Salem  
 Brian Clifford Williams, Newark  
 Donald Roy Williams, Columbus  
 Sharon Lee Winegard, North Canton  
 Daniel Scott Wood, Wellington  
 Kenneth Yee, Columbus  
 Russell Craig Yeley, Columbus  
 Robert James York, Columbus  
 Peter Letta Young, Cleveland Hts.  
 Setrena Nadine Young, Warrensville Hts.  
 Eileen Marie Yunker, Elyria  
 Richard Gerard Zagar, Highland Hts.

## Bachelor of Science in Labor and Human Resources

Susan Jill Gould, Toledo  
Roy Raymond Lucas, Columbus

## College of Agriculture and Home Economics

Dean: Roy M. Kottman

### Bachelor of Science in Agriculture

Abu Bakar Bin Adam,  
Kuala Lumpur, Malaysia  
David Bruce Andrews, Columbus  
Darrell David Bahr, Dola  
Diane Kay Bandy, Berlin Center  
Arthur Curtis Barco, Medina  
David Wayne Baughman, Canal Winchester  
Steven Louis Berk, Brookville  
Timothy John Bracy, Bluffton  
Pamela Arlene Carr, Youngstown  
Carol Jean Collins, Cumberland  
Timothy Joseph Corcoran, Chillicothe  
Rory Craft, Cleveland  
Thomas C. Detwiler, Seville  
John William Folger, Gainesville, Ga.  
Erika Marie Gadomski, Broadview Hts.  
Michael Downs Gempler, Findlay  
Roberta Elizabeth Hart, Huntsville  
Deborah Louise Henschen, Sidney  
Todd Richard Kemmerer, Pleasantville  
Walter Thomas Klimecki, Cincinnati  
Douglas Robert Linton, Clifton, Va.  
Thomas Allen Looby, Galloway  
Michele Ann Martino, Hubbard  
Jan Lynette Medaugh, Van Wert  
Kent William Mercer, Columbus  
Robert John Miller, St. Clairesville  
Denis Paul Mitro, Amherst  
Tanya Monique Moore, Cleveland  
Lisa Ann Oettinger, Reynoldsburg  
Tamara Ann Pierce, Columbus  
David Wayne Pope, Patriot  
Randall Allyn Preusse,  
Dearborn Hts., Mich.  
Linda Jane Randels, Worthington  
Liesla Ann Rühl, Cedarville  
Rickey Scott Roe, Marion  
Daniel Scott Rueger, Plain City  
Susan Angela Sadinski, Youngstown  
Martin Anthony Schneble, Kettering  
Richard James Sherlock, Jr., Lima  
David Roy Smith, Xenia  
Robert Alan Swift, Parma Hts.  
Chris Eugene Tope, Lancaster  
Dominic Verrilli, III, Columbus  
Kerby Edward Watts, Marion  
William Joseph Wolf, Bay Village  
Carl Lee Wolfe, Bristolville  
Ben A. Young, Yellow Springs  
James Edward Zboran, Sheffield Lake

### Bachelor of Science in Food Science

Matthias Helfrich, Fairview Park  
Edward Lynn Ott, Cortland

### Bachelor of Science in Food Technology

George Edward Guju, Canfield  
Donald Frederick Heffner, Morrisville, Pa.

### Bachelor of Science in Nutrition

James Alonzo Applegate, Jr., McDermott  
Burt Warren Leeman, Cincinnati

### School of Home Economics

#### Bachelor of Science in Home Economics

Lisa Patton Barstow, Dublin  
Alice Ruth Berg, Columbus  
Diane Rachelle Bodi, Columbus  
Paula Jo Bonfini, Bellview Heights  
Sheila Kay Brauer, Little Hocking  
Beverly Ann Brock, Columbus  
Paula Lynn Brumter, Chardon  
Constance Sue Butts, Mt. Sterling  
Kathy Lynne Coakley, Carroll  
Renee Irene Cowley, Marion  
Karen Ann Cuprik, Columbus  
Jane Margaret Davenport, Bay Village  
Adrienne Catherine Dwyer, Centerville  
Alisa Marie Dyer, Columbus  
Nanci Lynn Fuller, Columbus  
Miriam Galevi, Oregon  
Jean E. Gerstner, St. Marys  
Robin Lee Hallowell, Columbus  
Julie Harrison, Bay Village  
Deborah Mayne Henry, Dayton  
Jessica Miriam Horn, Spartanburg, S. C.  
Jacquelyn Ann Jobe, Canton  
Anne Elizabeth Kriss, Loudonville  
Janice Marie Lorman, Mentor  
Deborah Lucille Mains, Ironton  
Catherine M. Malta, Jackson, N. J.  
Karen Lynn Miller, Newark  
Sarah Elizabeth Onq, Columbus  
April Ann Potts, Akron  
Jeanne M. Price, Columbus  
Marcie Lee Rehmar, Columbus  
Teri Ziona Rube, Cleveland  
Beth Ann Ruthers, Bellaire  
Laurie Ann Schroeder, Cincinnati  
Barbara L. Scroggy, Springfield  
Brenda Elizabeth Shea, Granville  
Nancy Lynne Sickles, Columbus  
Joan Marie Thornton, Columbus  
Janice Eileen Trott, Columbus  
Barbara Ellen Vincent, Waynesville  
Lisa Maureen Wilson, Columbus  
Christine Troutman Zerby, Columbus  
Kelley Elaine Zimmer, Columbus

### Bachelor of Science in Nutrition

Robin Ilene Stromberg,  
University Heights

## Bachelor of Science in Restaurant Management

Craig Bennett Attewell, Parma  
Nello Ian Cernoia, Parma  
David Mark Kater, Pepper Pike  
Kathi A. Lurie, Columbus

## School of Natural Resources

### Bachelor of Science in Natural Resources

Sharon Elizabeth Areen, Vandalia  
Geri Lynn Beck, Dayton  
Thomas Lee Bigelow, Delphos  
Stephen Parker Boudnot, Logan  
John Martin Brechbill, Canton  
Christopher Alan Busic, Grove City  
Robert William Cifranic, Brookpark,  
Michael Edward Conrad, Waterloo, Ontario  
John Morton Daugherty, Lore City  
Daniel Lee Edwards, Columbus  
Pamela Sue Farber, New Albany  
Karen Kaye Gallogly, Columbus  
George Frederick Hambach, Mt. Perry  
David Kent Helber, Logan  
Curtis Edward Henss, Conover  
Mark Allen Hersman, Lucas  
Steven Latham Hulihan, Painesville  
Donald Dehart Jacobs, Bayville, N. Y.  
Brian Dwight Landrum, Hillsboro  
William E. Lodder, Hamilton  
William Edward Lynch, Jr., Dayton  
Renee Lynn Mackey, Stow  
Jerry Wynn Mohler, Columbus  
Daniel Lee Moore, Columbus  
Andrew Barker Morris, Springboro  
Bruce Raymond Motsch, Avon  
Crystal Cecilia Noll, Somerset  
Paul David Petcher, Parma  
Raymond William Petering, Cincinnati  
Anita Marie Ralich, Elyria  
Nancy Jean Ryan, Lakewood  
Douglas Lee Secrist, Lima  
Helen M. Shaw, Sarahsville  
Thomas Lawrence Shaw, Louisville  
Kimberly Lin Smith, Springfield  
Vernon Randall Tinsley, Columbus  
Janice Carolyn Wetherbee, Columbus  
Gary Joseph Zakrajsek, Willoughby

## Agricultural Technical Institute—Wooster

### Associate in Applied Science

Mark Joseph Andray, Toledo  
Tawn Gaye Benson, Waynesville  
Denise Mary Boehmerle, Medina  
Jeffrey Lynn Davis, Akron  
Kevin Quinn Davis, Sunbury  
Joyce Ann Hitch, Brunswick  
Laura Lee Fox, Newark  
Diane Marie Francis, Rootstown  
John Joseph Gaetano, North Olmsted  
Ted Edward Hardulak, Brooklyn  
Duane Richard Hoover, II, Columbus  
Raymond Scott Johnson, Hamilton  
Diana Sue Johnston, New Lexington

Hope Marie Kirkland, Mechanicstown  
Kenneth Andrew Lee, Cleveland  
Joel Herbert Litt, Lexington  
Jerald Michael Maier, Massillon  
Allison Anne McLain, St. Marys  
Christopher John Mendiola, Barberton  
Roger Scott Reber, Ravenna  
Christine Mary Sample, Antwerp  
Scott David Taneyhill, Cannonsburg, Pa.  
Melanie Joyce Woodworth, Marion

## College of Dentistry

Acting Dean: William R. Wallace

### Doctor of Dental Surgery

Robert William Basalla, Berea  
B.S. (Baldwin-Wallace College)  
Alan H. Black, Deer Park, N. Y.  
B.S. (State University of New York at Stony Brook)  
Stephen Davenport Czar, Columbus  
B.A. (Ohio Wesleyan University)  
Richard Charles Stenger, Cincinnati  
B.S. (Xavier University)  
Melvin S. Waymire, Jr. Fairborn  
B.S. (Bowling Green State University)  
Theodore John Willmann, Fort Recovery  
B.S. (University of Dayton)

## College of Education

Dean: Robert A. Burnham

### Bachelor of Science in Education

Timothy Lee Allen, Warren  
Catherine Diane Anderson, Perrysburg  
Gregory Paul Banbury, Mt. Vernon  
Kristina Marie Barra, Huntsville  
Jill Lee Bowen, Ohio City  
Mark Alan Boyd, Columbus  
Tracey Lynn Brinley, Mansfield  
Larry Eugene Brown, Chillicothe  
Jill Jeanine Campbell, St. Johns  
John Thomas Carnes, Elida  
Mary Sue Cavin, Grove City  
Cynthia Jean Coates, Shadyside  
Cynthia Bryan Collins, Columbus Grove  
Janet Darlene Collins, Columbus  
Kathryn Ann Daykin, Lyndhurst  
Michele Lynn Desarro, East Liverpool  
Catherine Louise Evans, Amsterdam  
Adrienne Elizabeth Feister, Columbus  
Ronald Dean Flowers, Plain City  
Shirley Jones Fort, Mansfield  
Katherine A. Fox, Columbus  
Hilda Carlyle Freeman, Kinston, N. C.  
Milene Janice Gerlach, Columbus  
Christy Lee Grimm, Columbus  
Randall Lenn Hall, Columbus  
Brenda Lou Hartland, Parma  
Deborah Tucker Hartley, Westerville  
Jodi Lee Hertenstein, St. Marys  
Mark Charles Hetz, Defiance  
Mark Douglas Hoaglin, Van Wert  
Lynn Weiss Hoenke, Granville  
Gorman Mitchell Horn, Columbus

Carolyn Maria Johnson, Pataskala  
Denise Eileen Johnson, Zanesville  
Brian Leigh Katz, Euclid  
Joyce Marie Hetler Keefer, Mansfield  
Kathryn Lynn Kemper, Kettering  
William Francis Kerwin, Columbus  
Eudoxia A. Kostopoulou, Lima  
Shelly Eileen Landrus, Fostoria  
Billie Patricia Looney, Loudonville  
George G. Manos, N. Canton  
Ted Patrick McClatchey, Columbus  
Ann Louise McEwan, Columbus  
Lisa Marlene Mercure, Columbus  
Ethel G. Nelson, Columbus  
Jennifer Lynn Odwarka, Grove City  
Diane Louise O'Hearn, Cincinnati  
Matthew Paul Ohlson, N. Canton  
Richard G. Peterson, Aurora  
Cynthia Yount Pyle, Columbus  
Marlene B. Raffel, Coldwater  
Joseph Richard Rico, Richmond Heights  
Doreen Marie Rilo, Marion  
Douglas Stewart Robenalt, Columbus  
Cynthia Buckholtz Sarver, Columbus  
Lynn Ann Schimmoller, Ft. Jennings  
Julie Beth Shackelford, Columbus  
Michael Henry Shelton, Columbus  
Sally Jo Shimp, Alliance  
Daniel John Shingledecker, Columbus  
Debra Kay Shultz, Marion  
Samuel Arthur Simmons, Jr., Westerville  
Marylou Louise Spohn, Brecksville  
Ava Marie Stinnett, Dublin  
John Curtis Stitt, Columbus  
Kimberly Anne Straight, Parma Hts.  
Richard James Stranges, Jr., Columbus  
Janet Evelyn Taylor, Columbus  
Jane Carol Tripp, Piqua  
Jennifer VanBuskirk Tucker, Larue  
Bradley John Turson, Plymouth  
Darlene Vanessa Walker, Cleveland  
Gregory L. Walsh, Newark  
Elena Sue Warren, Columbus  
Diane Kay Young, Columbus

Bachelor of Art Education and  
Bachelor of Music Education  
degrees are offered jointly by the  
College of the Arts and the  
College of Education.  
Candidates are listed under  
College of the Arts

## College of Engineering

Dean: Donald D. Glowor

### Bachelor of Science in Aeronautical and Astronautical Engineering

Daniel Edward McConaughy,  
North Olmsted

### Bachelor of Science in Agricultural Engineering

Charles Bruce Clark, Amlin  
Steven Dean Lichtensteiger, Ohio City  
Raymond Allan Peters, Stow

### Bachelor of Science in Ceramic Engineering

Patricia Ann Morris, Duncan Falls  
Steven Douglas Raffensperger, Fremont

### Bachelor of Science in Chemical Engineering

Rubén Dario Alfonso Páez,  
Valencia, Venezuela  
Philip Arvis Dalton, Newark  
Matthew K. Davis, Cincinnati  
John Thomas Dent, Beaver  
William Foster Hammersley, Columbus  
Carlos Oriello Mora Pérez,  
Merida, Venezuela  
Mark Charles Oliver, Atlanta, Ga.  
Michael Anthony Tornes, Waterford

### Civil Engineer

Ali Adam Ibrahim, Kutum, Sudan

### Bachelor of Science in Civil Engineering

Mook Sing Ho, Perak, Malaysia  
Marsha Lydia Mencl, Independence

### Bachelor of Science in Computer and Information Science

James Edward Black, Dayton  
William Edward Housden, Johnstown  
Brian L. Kelly, Columbus  
Timothy Francis O'Connor, Brook Park

### Bachelor of Science in Electrical Engineering

Don Eric Benander, Steubenville  
Tod Earl Boyd, Englewood  
Neal Virgil Cecil, Hamilton  
David Dwight Cook, Dayton  
Kirk Lesley Cramer, Whitehall  
Timothy Joseph Crum, Whipple  
Farivar Farsaneh, Tehran, Iran  
John R. Feldhaus, Reading  
Eric David Fintel, Genoa  
Thomas Lincoln Fletcher, Columbus  
George Franklin Freeland, Jr., Columbus  
Karl Lewis Friedline, Mentor  
Timothy Allen Hostetler, Canton  
Richard William Kautz, Bryan  
Kenneth Allan Kepko, Youngstown  
Alan Lee Klisz, Fremont  
Victor Esteban Jerez Labrador,  
Judibana, Venezuela  
Susan Kay Lichtensteiger, Ohio City  
Lori Kay Livensparger, Rocky River  
Sharon Jean Lukegord, Vermilion  
Michael Keith Pope, Washington, C.H.  
Michael Louis Richards, Zanesville  
David Edward Scott, Westerville



Christopher Sterling Sherman, Columbus  
 Christopher Barrett Sumner, Columbus  
 David Lee West, Columbus  
 John Thomas Wilcox, Plain City  
 James Jacob Yearsin, Columbus

### **Bachelor of Science in Engineering Physics**

David M. Behrman, Hilliard

### **Industrial Engineer**

Chimeziem Mey Chukuigwe,  
 Port Harcourt, Nigeria

### **Bachelor of Science in Industrial and Systems Engineering**

Beth Arline Ewing, Cleveland  
 Michael Edward Johnson, Columbus  
 Kevin Clifton Nash, Gahanna  
 Colette Denesse Pierce, Cleveland  
 Keith Alan Riegelsberger, Avon

### **Bachelor of Science in Mechanical Engineering**

Matthew Wayne Ales, Columbus  
 Mark Crafts Alty, Urbana  
 Brian George Annis, Reynoldsburg  
 William Allen Appleton, Lucasville  
 David Alan Brown, Sandusky  
 Kenton Robert Brune, Mansfield  
 Douglas Scott Coffey, Avon Lake  
 Douglas Howard Faber, Huron  
 Martin Eugene Ferrell, Chippewa Lake  
 Gaston Grady Ford, Dayton  
 Richard Lee Gaines, Columbus  
 Thomas William Goodnight, Lima  
 Paul Joseph Grover, Atlas  
 Lawrence Joseph Gukowski, Parma  
 Gregory William Kempf, Grove City  
 Mark Anthony Lamantia, Toronto  
 Theodore John Leithart, Whitehall  
 Mark Robert Moldovan, Youngstown  
 Kurt H. Neubauer, Columbus  
 Robert Lowell Oelrich, Jr., Pittsburgh, Pa.  
 Joel Thomas Proegler, Timberlake  
 Matthew Joseph Reda, Columbus  
 Jonathan Allen Scheetz, Coshocton  
 Lee Edward Seuffer, Chardon  
 Steven Andrew Strange, Kent  
 Marc Alan Tartaglia, Brookpark  
 Mark Allen Taylor, Chardon  
 Frank S. Vallera, Steubenville  
 Phillip Gerard Vander Kraats, Columbus  
 Daniel Paul Wichman, Toledo  
 Glen Alan Williams, Toledo  
 Phillip Anthony Yakovac, Euclid  
 Phillip Theodore Yontz, Columbus  
 Louis Casimir Ziebold, Genoa

### **Bachelor of Science in Metallurgical Engineering**

David Steven Selby, Canton

### **Bachelor of Science in Mining Engineering**

John Francis Zimnox, Mingo Junction

### **Bachelor of Science in Surveying**

Larry Justin Bill, Mt. Vernon

### **School of Architecture**

#### **Bachelor of Science in Architecture**

Robert Joseph Acciarri, Parma  
 Khalid Waleed Alkhudayri, Columbus  
 James Edward Boy, Kenmore, N. Y.  
 Beverly Jean Cowles, Jefferson  
 Theodore John Dombroski, Stratford, Conn.  
 Donald Thomas Kaliszewski, Avon Lake  
 James Richard Lyons, Lorain  
 Mark Thomas McGatha, Austin, Tex.  
 Dana Kent Moessner, Columbus  
 Abdol-Rahim Nesvaderani, Rockville, Md.

#### **Bachelor of Science in Landscape Architecture**

Rosalyn Jean Anderson, Englewood  
 Theresa Elaine Doodan, Harrisburg, Pa.  
 Dana Jay Hepler, Suffern, N.Y.  
 Linda Lee Hiltabiddle, Elyria  
 Alan Smith Hirsch, Dayton  
 Michael Edward Hooper, Cherry Hill, N. J.  
 Michael Andrew Hrivnak, Elyria  
 Bernard Lebow, Newton, Mass.  
 Dicki Lee Miller, Fullerton, Calif.  
 Louis George Vlahos, Lorain

## **College of Medicine**

Dean: Henry G. Cramblett, M.D.

#### **Doctor of Medicine**

Jeffrey Ray Blood, Conneaut  
 B.S.  
 Barbara Ellen Carr, Wintersville  
 B.S.  
 Judith Marie Fry, Athens  
 B.S.  
 Thelma Lynette Green, Dayton  
 B.A. (Wittenberg University)  
 Mary Ellen Anne Guroy, Willoughby  
 B.S.  
 Blaine Michael Lisner, Cincinnati  
 B.A. (University of Cincinnati)  
 Catherine L. O'Donnell, Dayton  
 B.S. (Wright State University)  
 Steven Joseph Saul, Troy  
 B.S.

Richard Jon Wuest, Harrison  
 B.S. (University of Cincinnati)

### **School of Allied Medical Professions**

#### **Bachelor of Science in Allied Health Professions**

Jule Anne Banks, Enon  
 Ronald Scott Bell, Canon City, Colo.  
 Asia Bodas, Columbus  
 Cheryl Marie Britton, Sulphur Springs  
 Denise Elaine Brown, Birmingham, Mich.  
 Trudy Marie Campbell, Cleveland  
 Diane Marie Coutz, Bellaire  
 Stephen Paul Crane, Brisbane, Australia  
 Nancy Jean Dick, Columbus  
 Diana Rosalyn Elo, Cleveland  
 Safaa Mounir El-Oraby, Mansfield  
 Shelly B. Feigelson, Wyoming  
 Mary Marlene Friedman, Pomeroy  
 Kellie Jeanine Haninger, Columbus  
 Kellie Lynn Hardin, Zanesville  
 Rita Hyunju Hong, E. Amherst, N. Y.  
 Cynthia Lou Kienle, Grove City  
 Eddy Matalon, Columbus  
 Stephanie Helen Moser, Lakewood  
 Christine Marie Oberfield, Newark  
 Odis Scales, III, Dayton  
 Diane Marie Smith, E. Liverpool  
 Linda Kay Stanga, Salem  
 Wanda Paulette Tolbert, Cleveland  
 Kathryn Sovine Weisenberger, Portsmouth  
 Kimberly Jane Wheeler, Newark  
 Mary Katherine Yaneck, Flushing

### **School of Nursing**

#### **Bachelor of Science in Nursing**

Suzanne Elizabeth Bahr, Dayton  
 LuAnn Beavers, Wauseon  
 Judith Nina Bird, Norwalk, Conn.  
 Susan Kathleen Bischof, Wooster  
 Cynthia Renee Bradley, Middletown  
 Christine Anne Dillon, Columbus  
 Patricia Ann Dlouhy, Broadview Heights  
 Cecilia Annette Franko, Hubbard  
 Elizabeth Ann Galaba, Tiffin  
 Jill Gustafson, Poland  
 Cheri Marie Hada, Painesville  
 Barbara Ann Haselbarth, Columbus  
 Heidi Beth Hudson, Parma  
 Elizabeth Anne Humphrey, Lakewood  
 Karen Anne Jelercic, Brecksville  
 Karen Kay Kanatas, Dublin  
 Claudia Finkle Keck, Columbus  
 Kathleen Marie Kubus, Campbell  
 Patricia Louise Lewis, Lima  
 Michelle Lynn, Columbus  
 Cynthia Sue Miller, Archbold  
 Jane Ellen Mohler, North Canton  
 Heidi Sue Mostov, Youngstown  
 Susan Lyons Nettler, Columbus  
 Stephen Michael O'Bryan, Columbus  
 Jean Ann Ruman, Findlay  
 Susan Mary Saxon, Warren  
 Kimberly Kay Snaveley, Sidney  
 Terri Lynn Gibbs Taulbee, Middleton  
 Cynthia Marie Toth, North Ridgeville

Teresa Ann Wenzke, Dayton  
Sheryl Lee Willis, Dayton  
Susan Elizabeth Zulliger, Lima

## College of Pharmacy

Dean: Albert H. Soloway

### Bachelor of Science in Pharmacy

Robert Lee Bishop, Zanesville  
Donald Mark George, Wintersville  
William Michael Kelly, Youngstown  
John Kohut, III, Columbus  
B.S. (Youngstown State University)  
M.S. (New Mexico State University)  
John Joseph Long, Columbus  
Julie Ann Mandalari, Kent  
Randall Walter Nameth, Rayland  
Gary Paul Sabistina, Akron  
Laura Ellis Stewart-Magee, Warren

## College of Social Work

Dean: Robert O. Washington

### Bachelor of Science in Social Welfare

Debbie Sue Lathrop, Reading  
Larry Stanley Layne, Columbus  
Cynthia Rider Nagel, Columbus  
Sharon Ruth Oldach, Erie, Pa.  
Richard L. Phillips, Minerva  
Veronica Jane Wagner, Columbus  
Philip Leo Yassenoff, Columbus  
Susan Christine Yates, Columbus

## College of Veterinary Medicine

Dean: Ronald A. Wright

### Certificate of Study in Veterinary Medicine

Stanley Stewart Weill

## Graduates with Honors

### Summa Cum Laude

William John Clinger  
Jeffrey Lynn Davis  
Deanna Jeanne Dawe  
Barry Steven Feldman  
William Francis Kerwin  
Teresa Ruth McConnell

Timothy Lee Michel  
Doreen Marie Rilo  
Mary Kay Schwab  
Kimberly Ann Straight

### Cum Laude

Rosalyn Jane Anderson  
Sharon Elizabeth Areen  
David Wayne Baughman  
John Martin Brechbill  
Kristy Annette Briar  
Timothy Joseph Crum  
Margaret Ann Eberly  
John Martin Frazier  
Miriam Galevi  
Milene Janice Gerlach  
George Michael Green  
Lawrence Joseph Gutkowski  
Jodi Lee Hertenstein  
Stephanie K. Hood  
Janet Taylor Johnson  
Mark Anthony Lamantia  
Lori Kay Livensparger  
Janice Marie Lorman  
William Anthony Lotozo  
Allison Anne McLain  
Patricia Ann Morris  
Crystal Cecilia Noll  
Robert Wayne Percy  
Tauna Taylor Phillips  
Linda Randels  
Marcie Lee Rehmar  
Bryon Marvin Richard  
Leisa Ann Rihl  
Cynthia Buckholtz Sarver  
Jonathan Allen Scheetz  
Steven Eric Schupbach  
Douglas Lee Secrist  
Michael Segal  
Timothy Edward Seils  
David Roy Smith  
Joan Marie Thornton  
Jane Carol Tripp  
Bradley John Turson  
Brent William Van Horn  
Mary Jean Waibel  
Joan Glenn Weber  
Kathryn Sovine Weisenberger  
Mary Kathryn Yaneck  
Diane Kay Young

### Cum Laude with Distinction in Natural Resources Development

Bruce Raymond Motsch

### Cum Laude with Distinction in Political Science and with Honors in the Liberal Arts

David Charles Sweasey

### With Distinction in Animal Science

Leisa Ann Rihl

### With Distinction in Fisheries Management

William Edward Lynch, Jr.  
Vernon Randall Tinsley

### With Distinction in History and Philosophy of Science and with Honors in the Liberal Arts

Donna Houck

### With Distinction in Horticulture

Daniel Rueger

### With Distinction in International Studies and with Honors in the Liberal Arts

Pauline Borato

### With Honors in the Liberal Arts

Bruce Setty  
Ada Siekmeier  
Kathleen Wolf

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND SIXTIETH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, September 5, 1980

The Board of Trustees met at its regular monthly meeting on Friday, September 5, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Chester Devenow, Chairman, Patricia D. James, Warren J Smith, John D. Jacob, D. James Hilliker, Daniel M. Galbreath, and Edmund C. Redman.

\* \* \*

Minutes of the last meeting were approved.

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September 5, 1980 meeting, Board of Trustees

The Chairman, Mr. Devenow, called the meeting of the Board of Trustees to order at 11:40 a.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering personnel-related issues.

Present: Chester Devenow, Chairman, Patricia D. James, Warren J Smith, John D. Jacob, D. James Hilliker, and Daniel M. Galbreath.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

## RESOLUTIONS IN MEMORIAM

Resolution No. 81-23

*Synopsis: Resolutions honoring the service of one of this University's faculty members and two former members of the Board of Trustees who have recently died are being proposed.*

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Dr. Jacob, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

James W. Huffman

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 20, 1980, of James W. Huffman, at his home in Pickerington, Ohio, at the age of 85. Mr. Huffman was appointed a member of the University's Board of Trustees for a term beginning May 21, 1951 and ending May 13, 1957, by Governor Frank J. Lausche to succeed Warner M. Pomerene.

Born September 13, 1894, in Chandlersville, Ohio, Mr. Huffman was educated in the schools of Rock Hill Township, Muskingum County, and attended Ashland High School. He completed his undergraduate work at Ohio Wesleyan University, attended The Ohio State University College of Law from 1919 to 1921, and obtained his LL.B. degree in 1922 from the University of Chicago. Mr. Huffman was admitted to the bar in Ohio and Illinois in 1922 and practiced law in Chicago from 1922 to 1924. From 1924 to 1927, he served as Executive Secretary to Governor A. Vic Donahey; he was a member of the Public Utilities Commission from 1927 to 1929. Mr. Huffman set up his practice of law in Columbus in 1929. In 1945, he was appointed to the United States Senate to fill the unexpired term of Senator Harold Burton. Mr. Huffman returned to Columbus in 1946 to become President and Board Chairman of Motorists Mutual Insurance Company from which he retired in 1970.

Mr. Huffman was elected Trustee Emeritus and designated Trustee Director, Development Fund on July 8, 1957. He received The Ohio State University's Distinguished Service Award at the August, 1957 Commencement.

September 5, 1980 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

James W. Huffman (contd)

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

Leo Leavitt Rummell

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 26, 1980, of Leo L. Rummell, Dean Emeritus of the College of Agriculture and Home Economics and former member of the Board of Trustees.

Dean Rummell was born on December 1, 1893, at Niles, Ohio, in Trumbull County. He was the son of Elmer E. and Louise McCombs Rummell, who operated a farm in the vicinity of Niles.

Rummell received his Bachelor of Science in Agriculture degree from The Ohio State University in 1915 and his Master of Science degree in 1917. The College of Wooster presented Dean Rummell with an Honorary LL.D. Degree in 1956.

While an undergraduate at Ohio State, Rummell served as Editor of *The Agricultural Student* magazine, was a member of the University debating team and was on The Ohio State University Dairy Cattle Judging Team which won first place at the International Dairy Cattle Show. While an undergraduate, Rummell worked his way through college doing odd jobs which included washing dishes and waxing floors for Dr. William McPherson.

Rummell was appointed to the Board of Trustees in 1939 by his former university debate team partner, Governor John W. Bricker. In 1944, during his term as a trustee, Rummell served as President of the National Association of Governing Boards of State Universities. He was appointed Dean of the College of Agriculture in 1947, and in January, 1948, was named Director of the Ohio Agricultural Experiment Station, thereby combining for the first time these two key agricultural positions.

Immediately following his graduation from the College of Agriculture in 1915, Rummell served as Editor of Ohio Agricultural Experiment Station publications. In 1918 he was named Editor of *The Ohio Farmer* magazine and continued in that position until 1938, at which time he became agricultural counsel for the Ohio Council of Retail Merchants and served in that position until 1940. Following that assignment he became agricultural counsel for the Kroger Grocery and Baking Company of Cincinnati and served in that position until he was named Dean of the College of Agriculture in 1947.

Dean Rummell served as a Director of the Federal Reserve Bank of Cleveland for six years and served, also, as a Director of the Ohio Bell Telephone Company and of the Cleveland Union Stockyards Company. In his position as Dean and Director he served as a member of the State Natural Resources Commission and of the State Soil Conservation Committee. In 1955, and again in 1956, Rummell traveled to India to assist in establishing agricultural universities in the states of Punjab, Haryana and Rajasthan in Northwest India.

September 5, 1980 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Leo Leavitt Rummell (contd)

During Rummell's 12 years as Director of the Ohio Agricultural Experiment Station, he established five new substations, one each in Huron, Erie, Wood, Brown and Clark counties! Fifteen new buildings were added to the main station campus at Wooster, along with additional land to make a total of 1,600 acres devoted to agricultural research at Wooster. Among the new laboratories and offices constructed at Wooster during Director Rummell's tenure were those for the Departments of Horticulture, Forestry, Agronomy, Agricultural Engineering and Veterinary Science. Additionally, Rummell reorganized administration of the Ohio Agricultural Experiment Station and established separate departments for research in Veterinary Science, Poultry Science, Dairy Technology and Public Relations.

In 1958 the name of the college was changed from the College of Agriculture to the College of Agriculture and Home Economics. The present Agricultural Administration Building was constructed during Dean Rummell's tenure, as was Vivian Hall, which originally housed Biochemistry and Dairy Technology but which has recently housed the newly designated Department of Food Science and Nutrition. The Animal Science Building, including the Meats Laboratory, was under construction at the time of Rummell's retirement. Another achievement during Rummell's tenure included establishment of the first Swine Evaluation Station in the nation, located adjacent to Don Scott Field. This was accomplished in 1954. When Rummell left office, two additional buildings were on the drawing boards--an addition to Campbell Hall for Home Economics and an addition to the Botany and Zoology Building.

Rummell held membership in Delta Theta Sigma (social fraternity), Delta Sigma Rho (honorary debate fraternity), Phi Eta Sigma (scholastic honorary), and Gamma Sigma Delta, the Honor Society of Agriculture. He was also a member of Sphinx and of the Ohio State Forensic Society. At the time of his retirement on December 31, 1959, Dean Rummell had been listed in *Who's Who in America* for more than 20 years, had been a long-time member of the Ohio State Grange and of the Methodist Episcopal Church.

Dean Rummell was a member of numerous farm and livestock organizations, including Vice President of the Ohio State Safety Council. He was a long-time member of Rotary International and was immediate past President of the Green Valley, Arizona, Rotary Club.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy in their loss. It was directed that this resolution be inscribed on the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Virgil R. Wertz

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 21, 1980, of Virgil R. Wertz, Professor Emeritus in the Department of Agricultural Economics and Rural Sociology.

Dr. Wertz received his Bachelor of Science degree in agricultural economics in 1919, his Master's degree in 1920, and his Ph.D. degree in 1929 from the University of Wisconsin with the latter including a year of graduate study at the University of Minnesota.

September 5, 1980 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Virgil R. Wertz (contd)

Dr. Wertz joined the staff of the Department of Agricultural Economics and Rural Sociology of The Ohio State University in October of 1926 as an Assistant Professor. In the years that followed he was promoted to the rank of Professor. Prior to coming to Ohio he was employed as an Assistant Professor in the Department of Rural Economics of the University of South Dakota.

Dr. Wertz functioned as the Department's Extension Economist in his early years in addition to his teaching and research responsibilities in the areas of agricultural prices, incomes, and finance. In this capacity he sensed early that the increasing economic complexity of the farm problems of the depression years was creating a need to improve farmer's knowledge of economics. In this area he made a major contribution to the welfare of both farm and rural people by launching an Extension Education Program in economics in the middle 1930's. It consisted of a series of schools whose programs he designed and conducted in many rural areas of Ohio. In later years this program was expanded to include seminars held with farm people in the development of agricultural policies and programs both at the domestic and foreign levels. To supplement the instructional material available he prepared and published a series of fact leaflets on prices of farm products, foreign trade in farm products, and trends affecting agriculture. In this work he was assisted by his graduate students. In 1947 with the program well established Dr. Wertz asked and was granted permission to devote full time to teaching and research. After 34 years of service he retired in 1960 with the rank of Professor Emeritus.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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## ALTERNATE HOLIDAY FOR PRESIDENTS' DAY

Resolution No. 81-24

*Synopsis: Alternate holiday for the observance of Presidents' Day in the 1980-1981 year is proposed.*

WHEREAS pursuant to Section 124.19 of the Ohio Revised Code, alternative days for the observance of certain holidays at educational institutions may be established; and

WHEREAS on February 3, 1978, this Board designated that the Presidents' Day holiday of each year would be observed on the day before Christmas preceding the Presidents' Day in question; and

WHEREAS the Vice President for Personnel Services, with the concurrence of the President's Staff, has recommended that in 1980 University offices be closed for the observance of Presidents' Day on the day after Christmas so that University offices would be closed on Thursday and Friday in order to further enhance the University's energy conservation efforts:

September 5, 1980 meeting, Board of Trustees

### ALTERNATE HOLIDAY FOR PRESIDENTS' DAY (contd)

#### NOW THEREFORE

BE IT RESOLVED, That the resolution approved in 1978 be amended to provide that in 1980, the alternate observance of the Presidents' Day holiday shall occur on Friday, the day after Christmas; and

BE IT FURTHER RESOLVED, That in infrequent years when Christmas falls on a Thursday, the same change in the holiday schedule shall apply.

Upon motion of Mrs. James, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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### PERSONNEL ACTIONS

Resolution No. 81-25

*Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, New and/or Reappointment of Chairmen of Departments and Divisions, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles are recommended for approval.*

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the July 11, 1980 meeting of the Board, including the following Appointments, New and/or Reappointment of Chairmen of Departments and Divisions, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles as detailed in the University Budget for 1980-81, be approved.

#### Appointments

Name: DONALD A. CRAMP  
Title: Director, Hospital Administration  
Department: University Hospitals  
Salary: \$54,960.00 (12-month)  
Effective: October 1, 1980  
Present Position: Executive Director, University Hospital, Louisville, Kentucky

Name: JOHN T. DEMEL  
Titles: Professor and Chairman  
Department: Engineering Graphics  
Effective: September 1, 1980  
Salary: \$45,000.00 (12-month)  
Present Positions: Associate Professor, Engineering Design Graphics, and Engineering Research Associate, Texas Engineering Experiment Station, Texas A&M University



September 5, 1980 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Appointments (contd)

Name: M. TERRY MCENANY  
Title: Professor (The Karl P. Klassen Chair of Thoracic Surgery)  
Department: Surgery  
Effective: September 1, 1980  
Salary: \$32,040.00 (12-month)  
Present Positions: Professor of Surgery, Brown University, Providence, Rhode Island, and Surgeon-in-Chief, the Miriam Hospital

#### New and/or Reappointment of Chairmen of Departments and Divisions

July 1, 1980 through June 30, 1984

Veterinary Clinical Sciences	Phillip W. Murdick
Veterinary Pathobiology	Adalbert Koestner

July 1, 1980 through June 30, 1983

Medicinal Chemistry and Pharmacognosy	Donald T. Witiak
*Pharmaceutics and Pharmaceutical Chemistry	Theodore D. Sokoloski

July 1, 1980 through June 30, 1982

*Administrative and Social Sciences	Dev S. Pathak
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October 1, 1980 through September 30, 1984

Economics	Edward J. Ray
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\*New Appointment

#### Leaves of Absence Without Salary

HARVEY M. FRIEDMAN, Professor, Department of Mathematics, effective April 1, 1981 through June 30, 1981, to do research at Pennsylvania State University.

LEE MILTON MODJESKA, Professor, College of Law, effective October 1, 1980 through September 30, 1981, to visit Duke University.

THOMAS M. OSTROM, Professor, Department of Psychology, effective April 1, 1981 through June 30, 1981, to do research at the Social Psychology Research Institute at the University of Mannheim in West Germany.

HANS J. ZASSENHAUS, Professor, Department of Mathematics, effective October 1, 1980 through December 31, 1980, to accept the distinguished U. S. Senior Scientist award at Humboldt Foundation of West Germany.

September 5, 1980 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Leaves of Absence Without Salary (contd)

M. JEAN DAUBENMIRE, Associate Professor, School of Nursing, effective October 1, 1980 through March 31, 1981, to prepare manuscript for a book and write several articles for professional journals.

RICHARD EWING, Associate Professor, Department of Mathematics, effective October 1, 1980 through September 30, 1981, to accept an appointment with Mobil Research and Development Laboratories, Dallas, Texas.

MICHAEL ALAN FLIGNER, Associate Professor, Department of Statistics, effective October 1, 1980 through March 31, 1981, to do research at the University of Arizona.

PETER L. MULLINS, Associate Professor, Academic Faculty of Finance, effective October 1, 1980 through December 31, 1980, to complete final report on a research project.

ANNE S. ALLEN, Assistant Professor, School of Allied Medical Professions, effective August 1, 1980 through August 31, 1980, for personal reasons.

ROBERT JAY DONIA, Assistant Professor, Department of History (Lima Campus), effective October 1, 1980 through September 30, 1981, to accept a Fulbright grant for research in Yugoslavia.

MICHAEL JONES, Assistant Professor, Department of German, effective January 1, 1981 through March 31, 1981, to serve as a Visiting Scholar at the University of California, Irvine.

WALTER A. LIEDTKE, Assistant Professor, Department of History of Art, effective October 1, 1980 through September 30, 1981, to continue appointment as a Mellon Research Fellow at the Metropolitan Museum of Art.

ROBERT E. JOHNSON, Instructor, Academic Faculty of Management Sciences, effective January 1, 1981 through September 30, 1981, to complete his dissertation at University of Rochester.

#### Professional Improvement Leaves

HUGO BEKKER, Professor, Department of German, effective Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

EUGENE CHING, Professor, Department of East Asian Languages and Literatures, effective Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

DANIEL HOWLAND, Professor, Academic Faculty of Management Sciences, effective Autumn Quarter 1980, Winter Quarter 1981, and Spring Quarter 1981.

September 5, 1980 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Professional Improvement Leaves (contd)

MARGARITA LEVISI, Professor, Department of Romance Languages and Literatures, effective Autumn Quarter 1981 and Winter Quarter 1982.

JOHN C. RULE, Professor, Department of History, effective Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

STEPHEN TRACY, Professor, Department of Classics, effective Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

ARNOLD M. ZWICKY, Professor, Department of Linguistics, effective Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

INEZ CARDOZO-FREEMAN, Associate Professor, Division of Comparative Studies in the Humanities (Newark Campus), effective Autumn Quarter 1980, Winter Quarter 1981, and Spring Quarter 1981.

MARY ANN WILLIAMS, Associate Professor, Department of Black Studies, effective Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

#### Emeritus Titles

RILEY S. DOUGAN, Cooperative Extension Service, with the title Professor Emeritus, effective September 1, 1980.

CHARLES H. INGRAHAM, Department of Agricultural Economics and Rural Sociology, with the title Professor Emeritus, effective August 1, 1980.

ROBERT E. JEWETT, Academic Faculty of Humanities Education, with the title Professor Emeritus, effective October 1, 1980.

RALPH KITTLE, Cooperative Extension Service, with the title Professor Emeritus, effective September 1, 1980.

WILLIAM THOMAS MORRIS, Department of Industrial and Systems Engineering, with the title Professor Emeritus, effective July 1, 1980.

MABEL M. SARBAUGH, School of Home Economics - Administration, with the title Professor Emeritus, effective August 1, 1980.

GEORGE BURTON TOBEY, Department of Landscape Architecture, with the title Professor Emeritus, effective July 1, 1980.

ELLIOT L. WHITAKER, Department of Architecture, with the title Professor Emeritus, effective July 1, 1980.

GWENDOLYN B. CARSON, Department of Veterinary Clinical Sciences, with the title Clinical Associate Professor Emeritus, effective July 1, 1980.

September 5, 1980 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Emeritus Titles (contd)

DONALD R. KIBBEY, Department of Industrial and Systems Engineering, with the title Associate Professor Emeritus, effective July 1, 1980.

WILLIAM M. SHAW, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective September 1, 1980.

EDGAR P. WATKINS, Department of Agricultural Economics and Rural Sociology, with the title Assistant Professor Emeritus, effective August 1, 1980.

WILLIAM F. OLLILA, School of Allied Medical Professions, with the title Instructor Emeritus, effective July 1, 1980.

#### Appointment

Name:	HENRY G. CRAMBLETT
Title:	Vice President for Health Sciences
Office:	Health Sciences
Salary:	\$64,920.00 (12-month)
Effective:	Immediately
Present Positions:	Acting Vice President for Medical Affairs and Dean of the College of Medicine

#### President Enarson:

It gives me great pleasure to also have included at the last moment following the Executive Session of the Board, the name of Dr. Henry Cramblett, whom I submit with complete confidence and great pride to this Board and to the University community and to the community at large for the position of Vice President, Health Sciences.

You may recall that almost a year ago today, September 7, 1979, I reported in writing at some length to this Board, and at that time I indicated that the two top priorities of the year in this broad and important area of the health sciences would be: one, the establishment of a Hospitals Board, and the other, the completion of a search for a Vice President, Health Sciences. With respect to this search which has been conducted over a period of time with considerable vigor and considerable patience, I would say simply that it is not the first time in the history of this University, nor will it be the last, that we have taken a good, thorough look only to return to our own campus and conclude that someone now here has all the qualities we looked for to perform at a high level of competence in an important job.

The situation, of course, in the health complex is to some degree different than at the time some years ago when the search was started. We do have now a new Hospitals Board in place: it is meeting; it is rapidly assuming its full responsibilities; it is developing its own internal procedures, its own relationships with the

**PERSONNEL ACTIONS (contd)**

President Enarson: (contd)

hospital and, of course, with central administration. We also, as I said a moment ago, will have in place in October, a few short months from now, a new Director of Hospitals, and I would say that although there will never be a time of peace and tranquility in this or any other hospital that there is a higher degree of stability than there has been for some time. We are very pleased with the way in which the new Director of Nursing Services has taken over and she has contributed a great deal to not only stability but to the quality of services.

Sometimes it's best when you speak of somebody whom you know and admire and with whom you have worked for a period of years, it may be best to speak from the heart rather than from a written document. I would say that Henry Cramblett has a deep dedication to quality patient care. Dr. Cramblett has an equally deep dedication to quality education and research. He also has something which ought to be the *sine qua non* of any person of major responsibility; namely, a deep affection for and loyalty to the institution--Henry has that. He has developed by virtue of his services in the past eight years or so--I think it's better to say a keen grasp of the hospital, of its many problems, its many opportunities. He has a keen grasp of patient care, and of its transcendent importance, of the equally great importance of good working conditions for all of those who labor there in the care of patients, and he has a deep concern and a keen grasp of the problems of creating an appropriate learning environment. Dr. Cramblett also has an acute sense, I believe, of where the health complex here at this great University fits into the University community, fits into the city and state and in the national scheme of things. I can assure you that Dr. Cramblett commands a great deal of support not only here on campus and among colleagues in other disciplines, but he is well respected around the country.

I would simply say in conclusion that some years ago when he took the giant step from being a pediatrician to becoming a dean, that there were a number of rough moments for him and for us, and he is about to take another major big step which is to convert from a role of dean and all that implies in the way of loyalties to a larger dimension of loyalties in his role as Vice President of Health Sciences. Now, obviously, there is a great deal of work to be done in defining as sharply as possible the relationships of this office, the vice presidency, with the various centers of the health sciences; there are relationships to be developed within central administration; there is--obviously of great importance--the question of succession in the deanship of the College of Medicine. And although I think it makes good sense to propose, as we have, that his appointment be effective immediately, I say at the same time, that I will look to Dr. Cramblett to come to the administration and return to this Board in a month from now having fleshed out some of the arrangements. And, in sum, I am very pleased to submit to this Board the nomination of Dr. Cramblett.

Mr. Devenow:

Dr. Cramblett, I personally want to congratulate you and I want you to know that I think you are stepping up to one of our most critical needs at a time when

September 5, 1980 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

Mr. Devenow: (contd)

we need the best brains in the world to handle it and I have full confidence you're going to be able to do it. It might interest you to know that the Board unanimously and enthusiastically agreed that this is the best man we could find for the job and I hope that it will certainly be made clear to all members of the University how important this decision is and how fortunate we are that you were able to step up to it. With that, gentlemen, if you have no other comments, we will take a roll call vote. First, a motion to approve all these appointments.

Dr. Jacob: I move.

Mr. Devenow: Is there a second?

Mr. Hilliker: Second.

Mr. Devenow: Roll call.

Unanimous roll call vote.

Mr. Galbreath:

Mr. Chairman, it's because of my previously expressed interest and concern with our University operations, not only on behalf of the hospital, not only on behalf of the University, but because of its significant role in our wonderful community, that I am going to take another second to chat about Dr. Cramblett, if I may. We do have our Hospitals Board in place. At our last meeting, we re-emphasized the need for the Vice President's role and as we chatted at lunch today, it became abundantly clear that Dr. Cramblett was the man qualified for this particular role, and I just want to add my personal endorsement because I have been so involved with the Hospitals Board. And I am saying this as a personal observation, I am most pleased with this, Dr. Cramblett, and will certainly lend all of my efforts and will encourage the Board of the hospitals to do the same in support of this move. I am very happy for you and I think we are all very blessed to have this opportunity.

Upon motion of Dr. Jacob, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 81-26

*Synopsis: The reports on contracts, grants, and gifts and the summaries for June and July are presented for Board acceptance.*

September 5, 1980 meeting, Board of Trustees

### REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Office of Business and Administration, the Engineering Experiment Station, and The Ohio State University Development Fund during the months of June and July, 1980, be approved.

Upon motion of Mrs. James, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

#### SUMMARY FOR JUNE 1980

Source	No. of Projects	Support Level
Office of Business and Administration	10	\$1,471,767.29
The Ohio State University Research Foundation	152	7,374,640.25
Engineering Experiment Station	18	106,708.00
		\$8,953,115.54
The Ohio State University Development Fund	4,600 Donors	\$1,108,687.72

#### Report from Presidents Club

Members to date	4,399
1980: year to date	1,013
New members - June 1980	11

#### New Presidents Club Members - June 1980

Henry J. Bickel	E. Kenneth Gavin
Donald J. Brooke	Mary Jo Ketner
Maureen Burkhardt (Mrs. John)	Shirley Powers
Jeffrey A. Coopersmith	Mark D. Senff
Roland D. Elderkin	William L. J. Spoor
Richard A. Garrido	

September 5, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**SUMMARY FOR JULY 1980**

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	102	\$6,602,714.35
Engineering Experiment Station	68	698,472.00
		\$7,301,186.35
The Ohio State University Development Fund	4,301 Donors	\$1,228,429.80

**Establishment of Named Funds**

The Kathryn M. Wildermuth Memorial Scholarship Fund (Undergraduate students)	\$ 566,939.79
The David and Phyllis Beck Scholarship Fund (Department of Animal Science)	\$ 30,000.00
The Hans Willenegger Residency in Veterinary Surgery (College of Veterinary Medicine)	\$ 5,776.97
The Michael Swink Memorial Scholarships in Theatre (Department of Theatre)	\$ 5,137.00
The College of Medicine Class of 1922 Memorial Scholarship Fund (College of Medicine - Second-year medical student)	\$ 5,000.00
Morgan Memorial Scholarship Fund (School of Natural Resources - Division of Forestry)	\$ 2,000.00



September 5, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**SUMMARY FOR JULY 1980 (contd)**

Report from Presidents Club

Members to date	4,404
1980: year to date	1,018
New members - July 1980	8

New Presidents Club Members - July 1980

James D. Casto	John H. Lumley
Charles R. Conn	Mildred C. Lumley (Mrs. John H.)
Bernard S. Davidorf	Mathilda M. Rosenblum (Mrs. Morris)
Samuel W. Kerr	Richard W. Zborowski

Presidents Club Members Withdrawn - July 1980

James M. Salamon  
Joseph P. Cowin  
Patrick T. McCray

September 5, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**FOURTH QUARTER SUMMARY**

April 1, 1980 through June 30, 1980

**OFFICE OF BUSINESS AND ADMINISTRATION**

Source	No. of Projects	Support Level
FEDERAL		
Equipment	1	\$ 245,750.00
Other	5	12,715.00
TOTAL - FEDERAL	6	\$ 258,465.00
STATE OF OHIO	6	1,215,357.29
GRAND TOTAL	12	\$1,473,822.29

September 5, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**FOURTH QUARTER SUMMARY**

April 1, 1980 through June 30, 1980

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

Source	No. of Projects	Support Level
<b>FEDERAL</b>		
Department of Energy	5	\$ 229,766.00
National Aeronautics and Space Administration	13	619,094.00
National Science Foundation	46	1,867,280.00
Department of Defense	17	640,456.00
Department of Health, Education, and Welfare	89	6,804,028.00
Other Federal	38	2,687,931.00
TOTAL - FEDERAL	208	\$12,848,555.00
STATE OF OHIO	24	\$ 472,974.70
INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL SPONSORS	99	\$ 2,989,108.80
GRAND TOTAL	331	\$16,310,638.50

September 5, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**FOURTH QUARTER SUMMARY**

April 1, 1980 through June 30, 1980

**ENGINEERING EXPERIMENT STATION**

Source	No. of Projects	Support Level
FEDERAL	1	\$ 12,000.00
STATE OF OHIO	5	134,800.00
INDUSTRIAL AND OTHER	98	384,948.00
GRAND TOTAL	104	\$531,748.00

September 5, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THIRD QUARTER SUMMARY**  
(Corrected Copy)

January 1, 1980 through March 31, 1980

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

Source	No. of Donors	Support Level
<b>ANNUAL GIVING</b>		
Direct Mail	429	\$ 9,975.50
Annals	695	8,993.00
Miscellaneous	5,191	173,126.24
Community Campaigns	3	45.00
Corporate Matching Gifts	134	63,519.58
<b>TOTAL</b>	<b>6,452</b>	<b>\$ 255,659.32</b>
<b>MAJOR RESOURCES</b>		
Deferred Gifts	14	\$ 155,106.33
Major Individuals	474	417,413.69
Corporations	164	347,126.69
Corporate Foundations	73	109,572.45
Private Foundations	18	67,646.38
Other Organizations	224	351,125.90
<b>TOTAL</b>	<b>967</b>	<b>\$1,447,991.44</b>
<b>GRAND TOTAL</b>	<b>7,419</b>	<b>\$1,703,650.76</b>

September 5, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**FOURTH QUARTER SUMMARY**

April 1, 1980 through June 30, 1980

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

Source	No. of Donors	Support Level
<b>ANNUAL GIVING</b>		
Direct Mail	1,663	\$ 73,554.58
Annals	2,920	41,984.25
Miscellaneous	5,717	328,717.45
Corporate Matching Gifts	72	53,745.28
<b>TOTAL</b>	<b>10,372</b>	<b>\$ 498,001.56</b>
<b>MAJOR RESOURCES</b>		
Deferred Gifts	19	\$ 843,619.06
Major Individuals	496	489,532.32
Corporations	422	1,107,688.19
Corporate Foundations	50	199,711.40
Private Foundations	27	75,301.11
Other Organizations	206	342,960.06
<b>TOTAL</b>	<b>1,220</b>	<b>\$3,058,812.14</b>
<b>GRAND TOTAL</b>	<b>11,592</b>	<b>\$3,556,813.70</b>

September 5, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **OFFICE OF BUSINESS AND ADMINISTRATION**

#### **Federal Research Contracts/Grants**

\$245,750.00 - U. S. Department of Commerce, National Telecommunications and Information Administration, Public Telecommunications Facilities Division, Washington, D. C., Improvement of Television Broadcasting Facilities, Telecommunications Center, October 1, 1979 through September 30, 1980. (Grant No. 39-02-90776)

\$6,000.00 - U. S. Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., Law Enforcement Education Program (LEEP), Student Financial Aids, August 1, 1979 through July 31, 1980. (Grant No. 79-LP-AX-0640, Supplement No. 1)

\$3,750.00 - Small Business Administration, Washington, D. C., Small Business Institute, College of Administrative Science, April 24, 1980 through September 30, 1980. (Agreement No. SBA-4524-AMA-80)

\$910.00 - Tennessee Valley Authority, Norris, Tennessee, Participation in Academic Enrichment Program, School of Natural Resources, June 9, 1980 through September 12, 1980. (Contract No. TV-54573A)

**TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS** **\$ 256,410.00**

#### **State of Ohio Research Contracts/Grants**

\$564,278.06 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Teacher Education and Special Services in Vocational Agriculture, Department of Agricultural Education, July 1, 1980 through June 30, 1981.

\$294,183.56 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Research, Survey, Evaluation and Exemplary Programs, Department of Agricultural Education, July 1, 1980 through June 30, 1981.

\$290,372.47 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Teacher Education - Home Economics, School of Home Economics, July 1, 1980 through June 30, 1981.

\$33,900.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Teacher Education Services in Vocational Education, Academic Faculty of Vocational-Technical Education, July 1, 1980 through June 30, 1981.

\$28,123.20 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Vocational Task Inventory Verification and Occupational Analysis Development, Academic Faculty of Vocational-Technical Education, June 1, 1980 through December 30, 1980.

September 5, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**OFFICE OF BUSINESS AND ADMINISTRATION (contd)**

**State of Ohio Research Contracts/Grants (contd)**

\$4,500.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Business and Office Education Summer Workshops, Academic Faculty of Vocational-Technical Education, April 1980 to October 1980.

**TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS** **\$1,215,357.29**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

**Federal Research Contracts/Grants**

\$488,844.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Ohio Statewide Cancer Control Support Development Grant, Cancer Research Center (C. J. Cavalaris), 1 September 1980 through 31 August 1981. (Project 761832 - Continuation)

\$397,877.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Race Desegregation Training Institute, Academic Faculty of Educational Foundations and Research (W. Wayson), 1 July 1980 through 30 June 1981. (Project 762249 - New)

\$318,589.00 - Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Bureau of Veterinary Medicine, Rockville, Maryland, A Study to Develop an Experimental Disease Model in Horses, Department of Veterinary Physiology and Pharmacology (T. E. Powers), 28 June 1980 through 28 September 1981. (Project 761916 - Continuation)

\$195,988.00 - National Aeronautics and Space Administration Headquarters, Washington, D. C., CTS/Comstar Communication Link Characterization Experiment, Department of Electrical Engineering, ElectroScience Laboratory (D. B. Hodge), 15 March 1980 through 14 March 1981. (Project 762093 - Continuation)

\$148,249.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Biomedical Computing and Information Processing, College of Medicine - Administration (G. L. Trzebiatowski), 1 July 1980 through 30 June 1981. (Project 761133 - Continuation)

\$147,798.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Oncology Training Grant, Department of Medicine (S. P. Balcerzak), 1 July 1980 through 30 June 1981. (Project 761160 - Continuation)



September 5, 1980 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$125,000.00 - National Science Foundation, Washington, D. C., Developmental Work on Academic Price Indexes, Office of Finance and Planning (G. W. Baughman), 15 June 1980 through 14 January 1982. (Project 762267 - New)

\$105,857.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Radiation Enhancement in Nervous System Tumor Models, Department of Medicine (N. R. Clendenon) and Department of Veterinary Pathobiology (A. Koestner), 1 September 1980 through 31 August 1981. (Project 764576 - Continuation)

\$102,158.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Study of the Pharmacokinetics of Anticancer Drugs, College of Pharmacy (L. Malspeis), 1 May 1980 through 30 April 1981. (Project 761128 - Continuation)

\$100,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Propeller Aeroacoustic Methodologies - Comparisons of Propeller Performance and Acoustic Analyses With Wind Tunnel and Flight Test Measurements, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. D. Korkan), 16 July 1980 through 15 January 1981. (Project 761510 - Continuation)

\$99,085.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Biomimetic Metal Complexes of Macrocyclic Ligands, Department of Chemistry (D. H. Busch), 1 July 1980 through 30 June 1981. (Project 761501 - Continuation)

\$98,327.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Studies of the Distribution, Disposition and Metabolism of Antineoplastic Agents, College of Pharmacy (L. Malspeis), 15 September 1980 through 14 September 1981. (Project 761876 - Continuation)

\$98,000.00 - Department of Energy, Chicago Operations and Regional Office, Argonne, Illinois, Fundamental Studies of High-Temperature Corrosion Reactions, Department of Metallurgical Engineering (R. A. Rapp), 1 May 1980 through 30 April 1981. (Project 761619 - Continuation)

\$82,441.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Studies on the *In Vivo* Growth of Staphylococci, Department of Medical Microbiology (F. A. Kapral), 1 June 1980 through 31 May 1981. (Project 762330 - Continuation)

September 5, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$81,469.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, The Role of Oxygen Radicals on Effector/Tumor Cells, Department of Medicine (A. L. Sagone), 1 September 1980 through 31 August 1981. (Project 761287 - Continuation)

\$80,872.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute on Aging, Bethesda, Maryland, Protein Stability and Aging in Anucleate Cells, Department of Microbiology (J. N. Reeve), 1 July 1980 through 30 June 1981. (Project 761724 - Continuation)

\$79,279.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Clinical Cancer Education Program, Department of Surgery and College of Medicine - Administration (G. J. Cerilli), 1 July 1980 through 30 June 1981. (Project 761412 - Continuation)

\$76,148.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Cancer Center Epidemiology Biostatistic Unit, Cancer Research Center and Department of Preventive Medicine (M. D. Keller), 1 July 1980 through 30 June 1981. (Project 760789 - Continuation)

\$74,098.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Development of Prostaglandin System Antagonist, Department of Physiological Chemistry (H. W. Sprecker), 15 August 1980 through 14 August 1981. (Project 761288 - Continuation)

\$73,344.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Pathology of Mitochondria in Ischemic Myocardium, Department of Physiological Chemistry (G. P. Brierley), 30 June 1980 through 29 June 1981. (Project 761229 - Continuation)

\$72,992.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Pathogenesis of Animal Leukemia, Department of Veterinary Pathobiology (E. A. Hoover), 1 September 1980 through 31 August 1981. (Project 760928 - Continuation)

\$71,314.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, College of Pharmacy, Division of Medicinal Chemistry (D. T. Witiak), 1 July 1980 through 30 June 1981. (Project 761123 - Continuation)

September 5, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **Federal Research Contracts/Grants (contd)**

\$70,826.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Professions, Hyattsville, Maryland, Family Centered Program on Intervention, Nisonger Center for Mental Retardation (M. F. Chase), 1 July 1980 through 30 June 1981. (Project 760710 - Continuation)

\$70,054.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Oxalic Acid Metabolism and Primary Hyperoxaluria, Department of Physiological Chemistry (K. E. Richardson), 1 June 1980 through 31 May 1981. (Project 762720 - Continuation)

\$69,848.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Human Thrombin: Binding and Recognition Sites, Department of Chemistry (L. J. Berliner), 1 July 1980 through 30 June 1981. (Project 761742 - Continuation)

\$69,300.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Associated Health Professions, Hyattsville, Maryland, Traineeships, Other Graduate Programs (Formula), School of Allied Medical Professions (D. C. Broski), 1 July 1980 through 30 June 1981. (Project 762226 - New)

\$68,035.00 - National Endowment for the Humanities, Washington, D. C., Hawthorne's English Notebooks, Department of English (T. M. Woodson), 1 July 1980 through 30 June 1982. (Project 762264 - New)

\$66,112.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Studies of Seminal Plasma Immune Response Inhibitor, Department of Medical Microbiology (C. Prakash and R. W. Lang), 1 May 1980 through 30 April 1981. (Project 762167 - New)

\$64,518.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Enzyme Catalysis of Electron and Group Transfer, Department of Chemistry (P. A. Frey), 1 July 1980 through 30 June 1981. (Project 762811 - Continuation)

\$62,242.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Energy Output and Efficiency of Left Ventricle, Department of Physiology (H. P. Pieper), 1 July 1980 through 30 June 1981. (Project 764403 - Continuation)

September 5, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$61,929.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Amphetamine, Monoamines, and Behavior, College of Pharmacy (N. J. Uretsky), 1 July 1980 through 30 June 1981. (Project 761210 - Continuation)

\$59,967.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Application of Optical Computing to the Control of Jet Engines, Department of Electrical Engineering, ElectroScience Laboratory, (S. Collins), 1 August 1980 through 31 July 1981. (Project 761795 - Continuation)

\$57,977.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, New Spectral Probes in Hemolytic Anemias, Department of Physiological Chemistry (J. O. Alben), 1 July 1980 through 30 June 1981. (Project 760289 - Continuation)

\$56,800.00 - National Science Foundation, Washington, D. C., The Interannual Variation of Certain Features of the General Circulation Over the Southern Hemisphere, Department of Geography (J. C. Rogers), 1 July 1980 through 30 June 1982. (Project 762223 - New)

\$56,319.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Biochemical Neuropathology, Department of Physiological Chemistry (L. A. Horrocks), 1 July 1980 through 30 June 1981. (Project 760708 - Continuation)

\$53,734.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, The Development of Precerebellar Nuclei, Department of Anatomy (J. S. King), 1 July 1980 through 30 June 1981. (Project 760045 - Continuation)

\$53,500.00 - National Science Foundation, Washington, D. C., Wave Properties of Heterogeneous Materials, Department of Physics (D. G. Stroud, R. L. Mills, and J. Korringa), 1 August 1980 through 31 July 1981. (Project 761213 - Continuation)

\$52,521.00 - Lawrence Berkeley Laboratory, University of California, Berkeley, California, An Electrochemical and Morphological Study of the Effect of Temperature on the Restructuring and Loss of Capacity of Alkaline Battery Electrodes, Department of Metallurgical Engineering (D. Macdonald), 1 May 1980 through 30 April 1981. (Project 762220 - New)

September 5, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$51,015.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Flavoenzyme Mechanisms: Redox and Non-Redox Reactions, Department of Chemistry (M. S. Jorns), 1 July 1980 through 30 June 1981. (Project 764374 - Continuation)

\$50,173.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Synthesis of Histrionicotoxin, A Neurotoxic Drug, Department of Chemistry (P. D. Magnus), 1 July 1980 through 30 June 1981. (Project 761702 - Continuation)

\$50,000.00 - Department of Agriculture, Science and Education Administration, Arlington, Virginia, Control of Insect Populations by Regulation of Dormancy, Department of Entomology (D. L. Denlinger), 1 October 1980 through 30 September 1982. (Project 761344 - Continuation)

\$50,000.00 - Environmental Protection Agency, Cincinnati, Ohio, Improved Assumptions About Liquid Flow Through Wastes, Department of Civil Engineering (C. A. Moore), 27 June 1980 through 1 October 1980. (Project 762234 - New)

\$49,880.00 - Environmental Protection Agency, Washington, D. C., Lake Erie Sediment Resuspension and Transport Mechanisms: Nearshore Vertical Profiles and Flux Rates, Department of Civil Engineering (K. W. Bedford and C. A. Moore), 12 June 1980 through 11 June 1981. (Project 762224 - New)

\$49,363.00 - National Science Foundation, Washington, D. C., Ultrastructure of Fossil Pollen and Spores, Department of Botany (T. N. Taylor), 1 October 1980 through 30 September 1981. (Project 762215 - Continuation)

\$48,396.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Functional Characteristics of Pulmonary Vascular Smooth Muscle, Department of Physiology (H. P. Pieper), 1 July 1980 through 30 June 1981. (Project 761217 - Continuation)

\$47,873.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Role of Axoplasmic Transport in Diabetic Neuropathy, Department of Medicine (J. R. Mendell), 1 July 1980 through 30 June 1981. (Project 761706 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$46,903.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Molecules of Biological Interest, Department of Chemistry (P. D. Magnus), 1 July 1980 through 30 June 1981. (Project 761184 - Continuation)

\$45,902.00 - National Science Foundation, Washington, D. C., Principles of Metal Erosion Resistance, Department of Metallurgical Engineering (P. G. Shewmon), 1 September 1980 through 31 July 1981. (Project 761241 - Continuation)

\$45,826.00 - National Science Foundation, Washington, D. C., Maintenance of the *Bacillus* Genetic Stock Center, Department of Microbiology (D. H. Dean), 1 August 1980 through 31 July 1981. (Project 762225 - Continuation)

\$45,706.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, The Neural Control of Temperature Regulation, Department of Physiology (J. A. Boulant), 1 July 1980 through 30 June 1981. (Project 761187 - Continuation)

\$45,037.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Regulation of Dihydrofolate Reductase Gene Expression, Department of Biochemistry (L. F. Johnson), 1 July 1980 through 30 June 1981. (Project 761710 - Continuation)

\$44,873.00 - Department of Energy, Chicago Operations and Regional Office, Argonne, Illinois, Hydrogen Attack of Steel, Department of Metallurgical Engineering (P. G. Shewmon), 1 April 1980 through 31 March 1981. (Project 764386 - Continuation)

\$44,769.00 - National Science Foundation, Washington, D. C., Gaseous and Aqueous Corrosion of Ceramics, Department of Ceramic Engineering (D. W. Readey), 1 July 1980 through 30 June 1981. (Project 761183 - Continuation)

\$42,931.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Mechanisms of Nucleoside Kinase Regulation, Department of Biochemistry (D. H. Ives), 1 July 1980 through 30 June 1981. (Project 761732 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$42,692.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Diabetes-Vitamin E-Vascular Degeneration, Department of Physiological Chemistry (R. V. Panganamala), 1 May 1980 through 30 April 1981. (Project 761628 - Continuation)

\$42,600.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Models and Mechanisms of Acute Lung Injury After Shock, Department of Surgery (B. D. Lowery), 1 July 1980 through 30 June 1981. (Project 761744 - Continuation)

\$39,876.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Viscous Interaction Effects on Airfoil Performance, Department of Aeronautical and Astronautical Engineering (O. Burggraf), 1 July 1980 through 30 June 1981. (Project 761659 - Continuation)

\$39,176.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Study of the Activities of Impy and Its Metabolites, Department of Medicine (J. A. Neidhart), 1 August 1980 through 31 July 1981. (Project 761777 - Continuation)

\$38,167.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Psychiatry (Child) Residency, Department of Psychiatry (L. E. Arnold), 1 July 1980 through 30 June 1981. (Project 761764 - Continuation)

\$37,821.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Energetics of  $CA^{2+}$  Cycling During Muscle Contraction, Department of Physiology (J. A. Rall), 1 July 1980 through 30 June 1981. (Project 761174 - Continuation)

\$36,000.00 - Department of the Air Force, Aeronautical Systems Division, Wright-Patterson AFB, Ohio, Improved Modeling With Injury Prediction Capability of Human Shoulder Complex, Department of Engineering Mechanics (A. Engin), 15 May 1980 through 30 September 1980. (Project 762205 - New)

\$35,000.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Acoustic and Performance Evaluation of General Aviation Propellers by Flight Research, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. D. Korkan) and Department of Aviation (G. S. Weislogel), 1 May 1980 through 21 January 1981. (Project 761471 - Continuation)

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## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$34,993.00 - Department of the Army, Waterways Experiment Station, Corps of Engineers, Vicksburg, Mississippi, Development of a Theoretical Model for "Leaky" Ported Coaxial Cable Embedded at a Uniform Depth in a Lossy Half Space, Department of Electrical Engineering, ElectroScience Laboratory (J. Richmond and R. Garbacz), 1 May 1980 through 30 November 1980. (Project 762219 - New)

\$32,000.00 - Department of Health, Education, and Welfare, Office of Education for the Handicapped, Washington, D. C., Special Education Component in University Affiliated Facility, Nisonger Center for Mental Retardation (V. Cotter), 1 June 1980 through 31 May 1981. (Project 762209 - New)

\$32,000.00 - National Science Foundation, Washington, D. C., Structural Studies of Small Linear Cluster Models for Metal Surfaces and Catalysts, Department of Chemistry (G. G. Christoph), 1 August 1980 through 31 July 1981. (Project 761853 - Continuation)

\$29,850.00 - National Science Foundation, Washington, D. C., Paleoclimatic Ice Core Records from the Tropical Quelccaya Ice Cap, Institute of Polar Studies (D. H. Elliot and L. G. Thompson), 1 May 1980 through 30 April 1981. (Project 761519 - Continuation)

\$29,515.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Chemical Carcinogen (Hydrazine, Polynuclear Hydrocarbon and/or Synthetic Jet Fuel Components) Induced Carcinogenesis of Human Cells, *In Vitro*, Department of Physiological Chemistry (G. E. Milo), 1 July 1980 through 30 September 1980. (Project 762178 - New)

\$26,858.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Chemical and Molecular Biological Aspects of Alkylhydrazine-Induced Carcinogenesis in Human Cells *In Vitro*, College of Pharmacy (D. Witiak), 1 July 1980 through 30 September 1980. (Project 762177 - New)

\$26,000.00 - Department of Health, Education, and Welfare, Office of Education, Bureau of Education for the Handicapped, Washington, D. C., Inservice Training for School Administrators and Special and Secondary Schools, Academic Faculty of Exceptional Children (J. O. Cooper), 1 June 1980 through 31 May 1981. (Project 762139 - New)

\$25,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Environmental Research Laboratories, Boulder, Colorado, Multiple Scattering of Centimeter and Millimeter Waves in Precipitation Filled Media, Department of Engineering Mechanics (V. K. Varadan and V. V. Varadan) and Engineering Experiment Station (T. A. Seliga), 1 April 1980 through 31 March 1981. (Project 761261 - Continuation)



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## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **Federal Research Contracts/Grants (contd)**

\$23,780.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, National Research Service Award, Department of Otolaryngology (D. J. Lim and D. E. Dunn), 1 July 1980 through 30 June 1981. (Project 760996 - Continuation)

\$22,890.00 - National Science Foundation, Washington, D. C., Symmetries of Finite Dimensional Normed Spaces, Department of Mathematics (D. R. Lewis), 1 July 1980 through 30 June 1982. (Project 762207 - New)

\$22,603.00 - National Science Foundation, Washington, D. C., The Probabilistic Analysis of Combinatorial Problems and Algorithms, Department of Mathematics (B. Pittel), 1 July 1980 through 30 June 1982. (Project 762251 - New)

\$21,009.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Environmental Research Laboratories, National Severe Storms Laboratory, Boulder, Colorado, Stability of Tornado-Like Vortices, Department of Aeronautical and Astronautical Engineering (M. R. Foster), 1 May 1980 through 30 April 1981. (Project 761347 - Continuation)

\$20,000.00 - National Endowment for the Arts, Washington, D. C., Museum Purchase Plan, College of the Arts - Administration (R. J. Stull), 1 July 1980 through 30 June 1981. (Project 762210 - New)

\$19,906.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Molecular Interactions of High Energy Fuels and Jet Fuels With Oncogenic Viruses and Endogenous Viruses, Department of Veterinary Pathobiology (J. R. Blakeslee), 1 July 1980 through 30 September 1980. (Project 762179 - New)

\$19,358.00 - National Science Foundation, Washington, D. C., Measurability in a Banach Space, Department of Mathematics (G. A. Edgar), 1 July 1980 through 30 June 1982. (Project 762260 - Continuation)

\$18,741.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Immune Dysfunctions and Abrogation of the Inflammatory Response by Environmental Chemicals, Department of Veterinary Pathobiology (R. G. Olsen), 1 July 1980 through 30 September 1980. (Project 761657 - Continuation)

\$16,098.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, The Total Synthesis of Retigernaic Acid, Department of Chemistry (L. A. Paquette and K. A. Horn), 1 June 1980 through 31 May 1981. (Project 762248 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$15,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, SETI Research, Department of Electrical Engineering (J. D. Kraus), 1 August 1980 through 28 February 1981. (Project 760413 - Continuation)

\$13,317.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Clinical Psychology Internship Training, Department of Psychiatry (P. A. Marks), 1 July 1980 through 30 June 1981. (Project 761167 - Continuation)

\$12,574.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Improvements of Methods to Predict Pre-Crash Parameters from Skid Marks, Department of Mechanical Engineering (D. A. Guenther), 15 June 1980 through 15 September 1980. (Project 762254 - New)

\$11,600.00 - National Science Foundation, Washington, D. C., Spaces of Similarities, Department of Mathematics (D. B. Shapiro), 1 July 1980 through 30 June 1982. (Project 761144 - Continuation)

\$9,926.00 - National Science Foundation, Washington, D. C., Systematics of the Subtribe Milleriinae (Compositae), Department of Botany (T. F. Stuessy), 3 June 1980 through 31 December 1980. (Project 760354 - Continuation)

\$9,372.00 - Lawrence Livermore Laboratory, Livermore, California, Development and Installation of Hartree-Fock Codes for Bound and Resonance Electronic States, Department of Chemistry (C. W. McCurdy), 1 June 1980 through 30 November 1980. (Project 762237 - New)

\$9,001.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Analytical Model of Children in Panic Braking Environment, Department of Mechanical Engineering (D. A. Guenther), 15 June 1980 through 30 September 1980. (Project 762253 - New)

\$5,600.00 - National Endowment for the Arts, Washington, D. C., Design Student Fellowship Program, Department of Landscape Architecture (J. D. Carpenter), 15 September 1980 through 15 June 1981. (Project 762263 - New)

\$5,000.00 - National Endowment for the Arts, Washington, D. C., Public Film, Photography and Video Exhibition in Columbus, Department of Photography and Cinema (J. R. Green), 1 January 1980 through 31 December 1980. (Project 762268 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$3,598.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Examination of Lightweight Truck Side Structures, Department of Mechanical Engineering (D. A. Guenther), 16 June 1980 through 19 September 1980. (Project 762255 - New)

\$3,000.00 - National Science Foundation, Washington, D. C., Physiology of Buoyancy Regulation, Department of Zoology (L. I. Greenwald), 23 May 1980 through 28 February 1981. (Project 761581 - Continuation)

<b>TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS</b>	<b>\$5,699,979.00</b>
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**State of Ohio Research Contracts/Grants**

\$25,832.00 - State of Ohio - Department of Education, Division of Special Education, Columbus, Ohio, Developing Guidelines for Multifactorial Team Evaluations, Academic Faculty of Exceptional Children (M. L. Kabler), 1 June 1980 through 30 September 1980. (Project 762208 - New)

\$18,750.00 - State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, Yellow Perch Parasite Research, Department of Zoology (J. L. Crites) and College of Biological Sciences, Center for Lake Erie Area Research (J. M. Reutter), 1 July 1980 through 30 June 1981. (Project 762192 - Continuation)

\$16,733.00 - State of Ohio - Department of Mental Health and Mental Retardation, Office of Program Evaluation and Research, Columbus, Ohio, Assessment of Programmatic Responses to the Proposed Standard and Guidelines for Program Evaluation in 648 Board and Contract Agencies, College of Social Work (B. Toomey), 1 July 1980 through 31 October 1980. (Project 762256 - Continuation)

\$9,649.70 - The Ohio Board of Regents, Columbus, Ohio, Coordination of Allied Health Education Programs, School of Allied Medical Professions (S. C. Upp and D. C. Broski), 1 October 1979 through 30 June 1980. (Project 761399 - Continuation)

\$4,930.00 - Ohio Historical Society, Ohio Historic Preservation Office, Columbus, Ohio, A Proposal for an Archaeological Survey of the Scioto River South of Columbus Between I-270 and S. R. 316, Department of Anthropology (W. Dancy), 27 June 1980 through 26 June 1981. (Project 762259 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**State of Ohio Research Contracts/Grants (contd)**

\$500.00 - The Ohio Program in the Humanities, Columbus, Ohio, Communities at the Crossroads: Community Development and the Lima Region's Heritage and Future, Department of Sociology (Lima Campus) (D. S. Adams) and Department of English (Lima Campus) (K. T. Rainey), 24 June 1980 through 30 August 1980. (Project 762095 - Continuation)

**TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS**                      \$    76,394.70

**Industrial, Private, and Other Non-Federal Research Contracts/Grants**

\$328,026.00 - The Robert Wood Johnson Foundation, Princeton, New Jersey, Rural Infant Care Program Summary, Department of Obstetrics and Gynecology (R. W. O'Shaughnessy and F. P. Zuspan), 1 July 1980 through 30 June 1982. (Project 762218 - New)

\$147,200.00 - American Cancer Society, Inc., New York, New York, Faculty Research Award, Department of Biochemistry (L. F. Johnson), 1 July 1980 through 30 June 1985. (Project 762231 - New)

\$119,057.00 - Koppers Company, Inc., Monroeville, Pennsylvania, Study of Modified Electrodes for Electrosynthetic Purposes, Department of Chemistry (T. Kuwana), 1 June 1980 through 31 May 1982. (Project 762217 - New)

\$102,033.00 - Hannah Neil Center for Children, Columbus, Ohio, Implementing Behavioral Treatment Activities - A Joint Exceptional Children/Physical Education Internship, School of Health, Physical Education, and Recreation (C. L. Mand) and Academic Faculty of Exceptional Children (J. O. Cooper), 1 July 1980 through 30 June 1981. (Project 762235 - Continuation)

\$92,000.00 - Japan-United States Friendship Commission, Washington, D. C., Bi-National Studies and Exchange Program in Environmental Planning and Design Education, School of Architecture - Administration (M. Kinoshita), 1 April 1980 through 31 March 1982. (Project 762250 - New)

\$62,513.00 - Battelle - Columbus Laboratories, Columbus, Ohio, Large Animal Preclinical Evaluations of Pharmacodynamic Effects of Antiplastic Compounds on the Cardiovascular System, Department of Veterinary Physiology (R. L. Hamlin), 15 January 1980 through 30 June 1980. (Project 760245 - Continuation)

\$50,329.00 - West Virginia Public Service Commission, Charleston, West Virginia, Technical Assistance in Consideration of PURPA Section 111 Standards for the Appalachian Power Company, National Regulatory Research Institute (D. N. Jones and K. A. Kelly), 19 March 1980 through 19 October 1980. (Project 762086 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$40,000.00 - Ohio Coal Research Laboratories Association, Columbus, Ohio, Modeling Chemical Reactivity, Heat Flux, and Fluid Flow in In-Situ Coal Liquefaction, Department of Chemical Engineering (D. R. Skidmore), 16 June 1980 through 15 June 1981. (Project 762228 - New)

\$39,996.00 - Ohio Coal Research Laboratories Association, Columbus, Ohio, The Relationship Between Union-Management Relations and Miner Productivity, Job Satisfaction, and Coal Company Performance, Academic Faculty of Labor and Human Resources (R. C. Miljus, A. F. Campagna and C. J. Slanicka), 16 June 1980 through 15 June 1981. (Project 762229 - New)

\$39,974.00 - Ohio Coal Research Laboratories Association, Columbus, Ohio, Fracture Mechanics and Structural Responses Associated With Energy Resource Recovery, Department of Engineering Mechanics (S. H. Advani and T. G. Richard), 16 June 1980 through 15 June 1981. (Project 762227 - New)

\$30,000.00 - American Cancer Society, Inc., New York, New York, American Cancer Society Institutional Research Grant, Cancer Research Center (D. S. Yohn), 1 July 1980 through 30 June 1981. (Project 764472 - Continuation)

\$30,000.00 - United States Trotting Association, Columbus, Ohio, Equine Viral Rhinopneumonitis: Reinfection, Immunity, and Pathogenesis, Department of Veterinary Clinical Sciences (P. Murdick), 30 April 1980 through 31 March 1981. (Project 760159 - Continuation)

\$29,427.00 - The Parker B. Francis Foundation, Hanover, New Hampshire, Application for Fellowship in Pulmonary Research, Department of Medicine (M. E. Whitcomb), 1 July 1980 through 30 June 1981. (Project 761553 - Continuation)

\$28,511.00 - NRTA/AARP Andrus Foundation, Washington, D. C., The Black Professional and Pre-Retirement Planning and Attitudes, College of Social Work (K. Kilty and J. Behling), 1 July 1980 through 30 June 1981. (Project 762212 - New)

\$25,867.00 - Environmental Measurements, Inc., San Francisco, California, 1980 Field Program Personnel Support to PEPE/NEROS, Department of Electrical Engineering (T. A. Seliga), 6 June 1980 through 31 October 1980. (Project 762232 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$23,980.00 - American Heart Association, Inc., Dallas, Texas, CO Distribution of Sub-Lethal Levels in the Heart, Department of Physiological Chemistry (J. O. Alben), 1 July 1980 through 30 June 1981. (Project 761115 - Continuation)

\$20,592.00 - Central Ohio Lung Association, Columbus, Ohio, School Health Curriculum Project Workshop - Berkeley Model, School of Health, Physical Education, and Recreation (P. Heit), 1 April 1979 through 30 June 1981. (Project 761101 - Continuation)

\$20,000.00 - Lockheed Missiles & Space Company, Inc., Sunnyvale, California, Antenna Technology Study, Department of Electrical Engineering, Electro-Science Laboratory (R. Rudduck), 9 June 1980 through 30 November 1980. (Project 762233 - New)

\$20,000.00 - National Fund for Medical Education, Hartford, Connecticut, Fellowship in Medical Education, Department of Family Medicine (T. Williams, D. Katerndahl and L. Gabel), 1 July 1980 through 30 June 1981. (Project 762211 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Energetics of Activation in Striated Muscle, Department of Physiology (J. Rall), 1 October 1980 through 30 September 1981. (Project 762243 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Hypertensive Peptides From Pre-eclamptic Placentas, Department of Physiology (J. J. Curry), 1 October 1980 through 30 September 1981. (Project 762239 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Prostanoids and Serum Lipids in the Exercise Conditioned Rat, Department of Physiological Chemistry (J. A. Merola) and Department of Pathology (H. A. I. Newman), 1 October 1980 through 30 September 1981. (Project 762257 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Quantitative Studies of the Arterial Endothelium, Department of Surgery (J. F. Cornhill), 1 October 1980 through 30 September 1981. (Project 762238 - New)

\$15,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Effects of Drugs and Pathophysiology on Capillary Blood Flow, College of Medicine - Administration (R. Strauss), 1 October 1980 through 30 September 1981. (Project 762265 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$15,000.00 - American Otological Society, San Diego, California, Otosclerosis: Ultrastructural and X-Ray Microanalysis, Department of Otolaryngology (D. J. Lim), 1 July 1980 through 30 June 1981. (Project 762789 - Continuation)

\$15,000.00 - Muscular Dystrophy Association, New York, New York, Studies on the Embryonic Development of Normal and Dystrophic Muscles, Department of Physiology (B. Stokes), 1 July 1980 through 30 June 1981. (Project 761661 - Continuation)

\$14,819.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Electrophysiologic and Mechanical Effects of pr- and bu-MDIs in Normal and Infarcted Dog Heart, Department of Veterinary Physiology and Pharmacology (W. W. Muir), 1 October 1980 through 30 September 1981. (Project 762241 - New)

\$12,539.00 - Southwest Oncology Group, Kansas City, Kansas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Pathology (R. O'Toole), and Department of Medicine (H. Wilson), 1 January 1980 through 31 December 1980. (Project 761460 - Continuation)

\$12,481.00 - Northern Essex Community College, Haverhill, Massachusetts; Milwaukee Area Technical College, Milwaukee, Wisconsin; Kalamazoo Valley Community College, Kalamazoo, Michigan; Linn-Benton Community College, Albany, Oregon; Orangeburg-Calhoun Technical College, Orangeburg, South Carolina, Postsecondary Alliance - Business, Industry, and Labor Articulation Program - Option A, National Center for Research in Vocational Education (R. E. Taylor), 1 May 1980 through 31 October 1980. (Project 762196 - Continuation)

\$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Control of Rate and Depth of Breathing in the Chicken, Department of Physiology (A. Kunz and T. L. Clanton), 1 July 1980 through 30 June 1981. (Project 762222 - New)

\$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, The Effect of Chronic Vasodilator Therapy on Regional Flow in Congestive Heart Failure, Department of Medicine (R. D. Magorien), 1 October 1980 through 30 September 1981. (Project 762240 - New)

\$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Vascular Changes in Placental Bed in Hypertensive Pregnancy, Department of Obstetrics and Gynecology (R. O'Shaughnessy and F. P. Zuspan), 1 October 1980 through 30 September 1981. (Project 762242 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$11,733.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Biochemical and Structural Analysis of Myocardial Z-line and Rod Body, Department of Veterinary Anatomy (M. Yamaguchi), 1 October 1980 through 30 September 1981. (Project 762247 - New)

\$11,697.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Specific Assay for Cardiac Glycosides by ECD-GLC and HPLC, Department of Veterinary Clinical Sciences (R. A. Sams) and College of Pharmacy (R. H. Reuning), 1 October 1980 through 30 September 1981. (Project 762244 - New)

\$11,500.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Studies on the Energy Metabolism in Human Platelets *In Vitro*, Department of Pharmacology (G. A. Tejwani), 1 October 1980 through 30 September 1981. (Project 762246 - New)

\$11,076.00 - Carnegie-Mellon University, Pittsburgh, Pennsylvania, Distributed Data Base Design, Academic Faculty of Accounting (P. De), 1 November 1979 through 23 June 1980. (Project 762236 - New)

\$10,880.00 - The American Association of Handwriting Analysts, Park Ridge, Illinois, Handwriting Analysis for Personnel Selection, Department of Psychology (R. Klimoski), 1 June 1980 through 31 May 1981. (Project 762252 - New)

\$10,224.00 - Chemical Abstracts Service, Columbus, Ohio, Design and Evaluation of Procedures for Optimizing Human Performance in an Online Data Retrieval, Department of Psychology (H. Shulman), 16 June 1980 through 12 June 1981. (Project 762213 - New)

\$10,000.00 - Kidney Foundation of Central Ohio, Inc., Columbus, Ohio, Mechanisms and Patterns of Proteinuria in Health and Disease, Department of Medicine (R. A. Zager and L. A. Hebert), 1 July 1980 through 30 June 1981. (Project 762206 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Mitral Valve Prolapse Arrhythmias: Effects of Exercise, Department of Medicine (S. F. Schall), 1 October 1980 through 30 September 1981. (Project 762245 - New)

\$8,252.00 - Texas A & M Research Foundation, College Station, Texas, Correlation Tests on ARSMS, Engineering Experiment Station, Water Resources Center (E. A. Whitehurst), 1 February 1980 through 5 March 1980. (Project 762038 - New)



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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$8,234.00 - Arkansas State Highway and Transportation Department, Little Rock, Arkansas, The Distribution of Naiad Mollusks in Specified Areas of the White and St. Francis Rivers, Arkansas, With Special Attention to the Endangered Species *Potamilus Capax* (Green, 1832), Department of Zoology (D. H. Stansbery and C. B. Stein), 1 July 1980 through 31 December 1980. (Project 762266 - New)

\$7,500.00 - International Telecommunications Satellite Organization "INTELSAT", Washington, D. C., Radar Measurement of Rain Cells, Department of Electrical Engineering, ElectroScience Laboratory (D. B. Hodge), 17 June 1980 through 19 October 1981. (Project 762080 - Continuation)

\$6,864.50 - Ohio Medical Indemnity Mutual Corporation, Worthington, Ohio, School Health Curriculum Project - 4th Grade, School of Health, Physical Education, and Recreation (P. Heit), 1 July 1980 through 30 June 1981. (Project 761746 - Continuation)

\$5,500.00 - Caldwell Community College and Technical Institute, Hudson, North Carolina, Implementing Competency-Based Occupational Education Programs, National Center for Research in Vocational Education (R. E. Taylor), 1 October 1979 through 30 September 1980. (Project 762166 - New)

\$5,015.00 - American Newspaper Publishers Association, Reston, Virginia, Antecedents of the Need for Information Among Newspaper Audiences, School of Journalism (L. B. Becker), 1 June 1980 through 31 December 1980. (Project 762214 - New)

\$5,000.00 - Trident Technical College, Charleston, South Carolina, An Assessment of Faculty/Staff Development Needs and Special Programs for Trident Technical College, Charleston, South Carolina, National Center for Research in Vocational Education (R. E. Taylor), 1 May 1980 through 30 June 1980. (Project 762221 - New)

\$4,992.40 - Dallas County Community College District, Dallas, Texas; Hocking Technical College, Nelsonville, Ohio, Postsecondary Alliance - Business, Industry, and Labor Articulation Program - Option A, National Center for Research in Vocational Education (R. E. Taylor), 1 May 1980 through 31 October 1980. (Project 762196 - Continuation)

\$3,339.00 - Southern Illinois University, School of Technical Careers, Carbondale, Illinois, Postsecondary Alliance - Evaluation Program Option A - Clearing House, National Center for Research in Vocational Education (R. E. Taylor), 1 May 1980 through 30 June 1981. (Project 762195 - Continuation)

September 5, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$3,111.65 - North Atlantic Treaty Organization, Brussels, Belgium, Cooperative Studies of Raindrop Size Distributions Using a Joss-Disdrometer and the Differential Reflectivity (Z<sub>DR</sub>) Technique, Department of Electrical Engineering (V. N. Bringi), 1 April 1980 through 31 March 1981. (Project 762149 - New)

\$2,700.00 - Wilmer-Hutchins Independent School District, Dallas, Texas, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 June 1980 through 30 June 1980. (Project 768029 - New)

\$2,625.00 - Hamilton Standard, Division of United Technologies, Windsor Locks, Connecticut, Advanced Airfoils for Propeller Applications, Department of Aeronautical and Astronautical Engineering (K. D. Korkan), 13 June 1980 through 30 June 1980. (Project 761707 - Continuation)

\$2,575.00 - Southwest Oncology Group, Kansas City, Kansas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Medicine (H. E. Wilson), 30 March 1980 through 29 June 1980. (Project 760617 - Continuation)

\$1,750.00 - International Labor Organization, Bangkok, Thailand, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 May 1980 through 31 July 1980. (Project 768030 - New)

\$1,554.00 - University of Dayton, Dayton, Ohio, Evaluation of Rheological Data, Department of Chemical Engineering (R. S. Brodkey), 1 January 1980 through 30 April 1980. (Project 761166 - Continuation)

\$800.00 - University of Illinois, Champaign, Illinois, Child Welfare Services Region V Conference, College of Social Work (N. Rindfleisch), 1 April 1980 through 30 June 1980. (Project 761930 - New)

<b>TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS</b>	<b>\$1,598,266.55</b>
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**ENGINEERING EXPERIMENT STATION**

**Federal Sponsored Research and Development**

\$12,000.00 - National Bureau of Standards, Boulder, Colorado, Criteria for Initiation, Propagation and Arrest of Cleavage Fractures in Steel Alloys, Department of Metallurgical Engineering, May 1, 1980 through September 30, 1980. (D9797/312651)

September 5, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**ENGINEERING EXPERIMENT STATION (contd)**

**State Sponsored Research and Development**

\$76,786.00 - State of Ohio - Department of Transportation, Columbus, Ohio, Development of a Driver-Based Method for the Evaluation of Traffic Control Systems for Freeway Construction and Maintenance Operations, Department of Industrial and Systems Engineering, June 15, 1980 through June 14, 1981. (EES 581/529061, Extension 2)

\$8,418.00 - various agencies for three development projects conducted in two engineering departments.

**TOTAL - STATE SPONSORED RESEARCH AND DEVELOPMENT** **\$85,204.00**

**Industrial and Other Sponsored Research and Development**

\$9,504.00 - various industries for 13 development projects conducted in three engineering departments and research areas.

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

**Gifts of \$5,000 or More**

\$50,000.00 - Mr. James D. Casto, North Miami, Florida, for French Field House Track Fund.

\$50,000.00 - SDRC, Milford, Ohio, for Advanced Design Methods Laboratory - Mechanical Engineering.

\$27,162.00 - Dorsey Laboratories, Lincoln, Nebraska, for Clinical Pharmacology Fund.

\$25,972.00 - The Charles F. High Foundation, Bucyrus, Ohio, for Charles F. High Foundation Scholarship Fund.

\$25,000.00 - Owens-Illinois Fund of the Charities Foundation, Toledo, Ohio, for Owens-Illinois Professorship in International Business.

\$20,159.01 - The American Medical Association, Chicago, Illinois, for Faculty Seminar on Medical Education.

\$20,000.00 - Borden Foundation, Inc., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

\$18,982.00 - Eli Lilly & Company, Indianapolis, Indiana, for Clinical Pharmacology of Dobutamine - Eli Lilly Co.

September 5, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$15,000.00 - The Upjohn Company, Kalamazoo, Michigan, for Upjohn Company Graduate Training Fellowship.

\$15,000.00 - Westinghouse Educational Foundation, Pittsburgh, Pennsylvania, for Lamme Power Systems Laboratory.

\$14,850.74 - Dr. Ulrich Saxer, Columbus, Ohio, for Veterinary Surgery Research.

\$13,500.00 - The City Loan and Savings Company, Lima, Ohio, for WOSU Support Fund.

\$12,500.00 - Central Ohio Lung Association, Columbus, Ohio, for Pulmonary and Respiratory Care Research Fund.

\$12,000.00 - Illuminating Engineering Research Institute, New York, New York, for Institute for Research in Vision.

\$10,605.63 - University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

\$10,000.00 - Dow Chemical Company, Midland, Michigan, for Dow Chemical Research Support Fund.

\$10,000.00 - The Huntington National Bank, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

\$10,000.00 - The Merck Company Foundation, Rahway, New Jersey, for Merck Grant for Faculty Development - Chemistry.

\$10,000.00 - Mid Ohio Automotive, Inc., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

\$9,850.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for Samuel J. Roessler Memorial Fund.

\$8,000.00 - Mrs. Thelma Kiplinger, Dublin, Ohio, for D. C. Kiplinger Chair in Floriculture.

\$7,500.00 - The Standard Oil Company, Cleveland, Ohio, for Early Start Program.

September 5, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$7,342.46 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

\$7,000.00 - The American College of Physicians, Philadelphia, Pennsylvania, for Department of Medicine General Fund.

\$7,000.00 - Conoco, Inc., Ponca City, Oklahoma, for Conoco Fellowship in Chemistry.

\$6,900.00 - Select Sires, Plain City, Ohio, for Sperm Fertility Research Fund.

\$6,750.00 - The Arthritis Foundation, Columbus, Ohio, for Arthritis Education Fund.

\$6,627.84 - Systems Associates, Columbus, Ohio, for Cardiology Support Fund.

\$6,210.00 - The Pharmaceutical Manufacturers Association Foundation, Inc., for P.M.A. Fellowship.

\$6,000.00 - Central Ohio Center for Economic Education, Columbus, Ohio, for Center for Economic Education.

\$5,613.00 - Mead Johnson & Company, Evansville, Indiana, for Menopausal Patient Follow-up Project.

\$5,500.00 - Mr. Timothy L. Hooper, Columbus, Ohio--\$5,000.00 for Department of Otolaryngology Fund and \$500.00 for Student Athlete Grant-in-Aid Fund.

\$5,000.00 - Alcoa Foundation, Pittsburgh, Pennsylvania, for Alcoa Foundation Scholarship Fund.

\$5,000.00 - Ernst & Whinney Foundation, Columbus, Ohio, for Ernst and Ernst Accounting Grant.

\$5,000.00 - Estate Under the Will of Donald C. Power, Columbus, Ohio, for Manuel Tzagournis Teaching and Research Fund.

\$5,000.00 - Mr. Wayne H. Kuhn, Marion, Ohio, for an undesignated gift to the University.

\$5,000.00 - Nationwide Mutual Insurance Company, Columbus, Ohio, for C. William O'Neill Professorship of Law Fund.

September 5, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts-in-Kind**

\$82,500.00 - Mr. David W. Beck, Dayton, Ohio, cattle to be housed in the College of Agriculture.

\$7,128.00 - Estate Under the Will of William A. Stephen, Worthington, Ohio, books to be housed in the College of Biological Sciences.

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

**Federal Research Contracts/Grants**

\$1,363,062.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, OSU Comprehensive Cancer Center Support (Core) Grant, Cancer Research Center (D. S. Yohn), 1 July 1980 through 30 June 1981. (Project 763976 - Continuation)

\$468,278.00 - Department of Labor, Employment and Training Administration, Washington, D. C., Technical Assistance and Training for Occupational Skills, National Center for Research in Vocational Education (R. E. Taylor), 1 June 1980 through 31 August 1981. (Project 762216 - New)

\$182,625.00 - Environmental Protection Agency, Chicago, Illinois, Lake Erie Monitoring Program: Main Lake Water Quality and Cladophora, College of Biological Sciences, Center for Lake Erie Area Research (C. E. Herdendorf) and Department of Civil Engineering (R. C. Stiefel), 1 July 1980 through 30 June 1981. (Project 762280 - New)

\$162,676.00 - Department of Health and Human Services, Office of Human Development Services, Chicago, Illinois, UAF Administration and Operation, Nisonger Center for Mental Retardation (M. J. Guralnick), 30 June 1980 through 29 June 1981. (Project 760751 - Continuation)

\$152,809.00 - Department of Education, Education for the Handicapped, Washington, D. C., A Parent Child Interaction Model for Assessment and Training of Severe Language Delay, Nisonger Center for Mental Retardation (J. D. MacDonald), 1 July 1980 through 30 June 1981. (Project 761189 - Continuation)

\$150,687.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Professions, Division of Nursing, Hyattsville, Maryland, Professional Nurse Traineeship Program, School of Nursing (E. L. Fritz), 1 July 1980 through 30 June 1981. (Project 760803 - Continuation)

September 5, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **Federal Research Contracts/Grants (contd)**

\$143,003.00 - Department of Labor, Washington, D. C., A Formative Evaluation of the Private Sector Initiative Program and HIRE II, Department of Political Science (R. B. Ripley), 1 April 1980 through 30 November 1981. (Project 761515 - Continuation)

\$141,999.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Professions, Hyattsville, Maryland, Women's Health Research Program, School of Nursing (J. S. Stevenson), 1 July 1980 through 30 June 1981. (Project 762275 - New)

\$127,569.00 - Department of Education, Education for the Handicapped, Washington, D. C., The Development of a Curriculum for Pediatric Residents in Handicapping Conditions, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 July 1980 through 30 June 1981. (Project 761774 - Continuation)

\$113,450.00 - Department of Education, Washington, D. C., Teacher Corps Operations and Training, Academic Faculty of Early and Middle Childhood Education (C. R. Williams and E. Freeman), 15 July 1980 through 14 July 1981. (Project 761660 - Continuation)

\$105,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Isolation and Genetic Analysis of Sporulation Genes, Department of Microbiology (D. H. Dean), 1 July 1980 through 31 July 1980. (Project 761218 - Continuation)

\$102,926.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Neuro-Oncogenesis by Resorptive Carcinogens, Department of Veterinary Pathobiology (A. Koestner and K. Marushige), 1 August 1980 through 30 June 1981. (Project 762762 - Continuation)

\$99,998.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Development Grant, School of Nursing (J. S. Stevenson), 1 July 1980 through 30 June 1981. (Project 761747 - Continuation)

\$95,335.00 - National Science Foundation, Washington, D. C., Hot Corrosion of Metals and Alloys by Fused Salts, Department of Metallurgical Engineering (R. A. Rapp), 1 August 1980 through 31 July 1981. (Project 761799 - Continuation)

September 5, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$92,770.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Photochemistry of the Genus *Thalictrum*, College of Pharmacy (J. L. Beal, R. W. Doskotch, and P. N. Patil), 1 July 1980 through 30 June 1981. (Project 761497 - Continuation)

\$76,588.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Bio-transformations of Estrogens and the Development of Cancer, College of Pharmacy (R. Brueggemeier), 1 August 1980 through 30 June 1981. (Project 762304 - New)

\$68,292.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Subunit Studies of a Heart Respiratory Complex, Department of Physiological Chemistry (J. S. Rieske), 1 August 1980 through 31 July 1981. (Project 762285 - New)

\$67,400.00 - National Science Foundation, Washington, D. C., Theory of Social Impact, Department of Psychology (B. Latane), 1 September 1980 through 31 August 1981. (Project 760485 - Continuation)

\$65,901.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthetic Elaboration of Polyquinane Natural Products, Department of Chemistry (L. A. Paquette), 1 July 1980 through 30 June 1981. (Project 762298 - New)

\$61,597.00 - National Science Foundation, Washington, D. C., Evolutionary Trends in Homosporous Ferns, Department of Botany (V. Raghavan), 1 July 1980 through 30 June 1983. (Project 761124 - Continuation)

\$60,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Theoretical Foundations of Software Technology, Department of Computer and Information Science (H. W. Buttelmann, B. Chandrasekaran, and L. J. White), 1 July 1980 through 30 June 1981. (Project 761640 - Continuation)

\$60,000.00 - National Science Foundation, Washington, D. C., The Development of Brainstem-Spinal Systems Related to Autonomic Control, Pain Modulation and Somatic Motor Activity, Department of Anatomy (G. F. Martin), 1 September 1980 through 31 August 1981. (Project 762278 - New)

\$54,581.00 - National Science Foundation, Washington, D. C., Low Temperature Transport Phenomena in Metals, Department of Physics (J. C. Garland), 1 July 1980 through 30 June 1981. (Project 761192 - Continuation)



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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$52,664.00 - National Science Foundation, Washington, D. C., Magnetic Resonance in Ferromagnetic Domain Walls, Department of Physics (P. E. Wigen) 1 July 1980 through 30 June 1981. (Project 762292 - Continuation)

\$51,000.00 - National Science Foundation, Washington, D. C., Phase Transition in Solid Hydrogen Alloys and Other Disordered Systems, Department of Physics (J. R. Gaines), 1 July 1980 through 30 June 1981. (Project 761211 - Continuation)

\$47,723.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Norpace Kinetics and Bioavailability in Heart Failure, College of Pharmacy (J. J. Lima), 1 July 1980 through 30 June 1981. (Project 762271 - New)

\$45,000.00 - Department of Education, National Institute of Education, Washington, D. C., Seminar Workshop on Writing for Funding and Publication, Academic Faculty of Special Services (R. J. Silverman), 1 May 1980 through 30 April 1981. (Project 761625 - Continuation)

\$44,986.00 - Department of Energy, Federal Energy Regulatory Commission, Washington, D. C., Cogeneration Rate Design Workshops, National Regulatory Research Institute (D. N. Jones and K. A. Kelly), 28 May 1980 through 30 June 1980. (Project 762199 - New)

\$43,089.00 - National Science Foundation, Washington, D. C., The Utilization of Electrochemical Reactions and Electrochemically Derived Products in Organic Synthesis, Department of Chemistry (J. S. Swenton), 1 September 1980 through 31 August 1981. (Project 762305 - Continuation)

\$40,000.00 - National Science Foundation, Washington, D. C., Extension of Complex Coordinate and Complex Basis Function Techniques to Molecular Systems: Resonances and Photoionization, Department of Chemistry (C. W. McCurdy, Jr.), 1 November 1980 through 31 October 1981. (Project 761834 - Continuation)

\$31,653.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, Analysis of Geos-3 Radar Altimeter Data for Anomaly and Undulation Definition, Department of Geodetic Science (R. H. Rapp), 1 July 1980 through 30 June 1981. (Project 762303 - New)

\$30,928.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Adjustment and Impact of Recent Immigrants, Department of Sociology (W. L. Li), 1 August 1980 through 31 July 1981. (Project 762317 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$30,075.00 - National Science Foundation, Washington, D. C., Palynology and Paleobotany of Mesozoic Rocks of the Antarctic Peninsula Area and Southern South America, Institute of Polar Studies (D. H. Elliot), 1 July 1980 through 31 December 1981. (Project 761693 - Continuation)

\$29,970.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Computer Simulation of Clinical Experience, School of Allied Medical Professions (R. J. Atwell and M. R. Schiller), 1 July 1980 through 30 June 1981. (Project 761394 - Continuation)

\$29,040.00 - Department of the Army, Natick Research and Development Command, Natick, Massachusetts, Screen Prospective TCM Replacement for Amoebicidal Properties, Department of Civil Engineering (O. Sproul and A. Rubin), 17 July 1980 through 25 October 1980. (Project 760946 - Continuation)

\$27,748.00 - National Science Foundation, Washington, D. C., EEA, A Differentiation Enhancing Factor in *Acanthamoeba*: Characterization, Synthesis, and Fate, Department of Microbiology (T. J. Byers), 1 August 1980 through 31 July 1981. (Project 762309 - New)

\$25,100.00 - National Science Foundation, Washington, D. C., Application of Revised MK Spectral Types to Groups of Late-Type Stars, Department of Astronomy (P. C. Keenan), 1 July 1980 through 30 June 1982. (Project 762291 - Continuation)

\$20,033.00 - National Science Foundation, Washington, D. C., Probability and Ergodic Theory, Department of Mathematics (L. Sucheston), 1 July 1980 through 30 June 1981. (Project 762313 - Continuation)

\$19,040.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Effects of Otoconial Deprivation on Gravity Receptors, Department of Otolaryngology (D. J. Lim and D. R. Trune), 1 August 1980 through 31 July 1981. (Project 761485 - Continuation)

\$17,914.00 - National Science Foundation, Washington, D. C., Phase Retrieval, Department of Mathematics (J. M. Rosenblatt), 1 July 1980 through 30 June 1982. (Project 762290 - New)

\$12,057.00 - National Science Foundation, Washington, D. C., Some Aspects of Classification and Representation of Integral Quadratic Forms, Department of Mathematics (J. S. Hsia), 1 July 1980 through 30 June 1981. (Project 762288 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$11,346.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Associated Health Professions, Hyattsville, Maryland, Medical Technology - Teacher Preparation (M.S.), School of Allied Medical Professions (D. C. Broski), 1 July 1980 through 30 June 1981. (Project 761228 - Continuation)

\$10,000.00 - Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, Studies on the Syntheses of Boron Hydride Systems, Department of Chemistry (S. Shore), 15 July 1980 through 15 October 1980. (Project 761119 - Continuation)

\$10,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Development of a Vaccine Against the Lethal Exotoxin of *Pseudomonas Aeruginosa*, Department of Microbiology (N. R. Baker), 1 June 1980 through 31 May 1981. (Project 761141 - Continuation)

\$9,990.21 - Department of Labor, National Commission on Unemployment Compensation, Roslyn, Virginia, Unemployment Insurance and the NLS, Academic Faculty of Labor and Human Resources (M. E. Borus and S. M. Hills), 1 March 1979 through 31 May 1981. (Project 762295 - New)

\$9,090.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, General Research Support Branch, Bethesda, Maryland, Biomedical Research Support Grant, College of Medicine - Administration (H. G. Cramblett), 1 April 1980 through 31 March 1981. (Project 761078 - Continuation)

\$8,200.00 - National Science Foundation, Washington, D. C., Matroids and Graphs, Department of Mathematics (T. Zaslavsky), 1 July 1980 through 30 June 1981. (Project 762289 - New)

\$7,920.00 - National Science Foundation, Washington, D. C., Inverse Spectral Theory and Concrete Aspects of Periodic Solitons, Department of Mathematics (M. G. Forest), 1 July 1980 through 30 June 1981. (Project 762293 - New)

\$7,688.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, Graduate School - Administration (J. B. LaPidus), 1 April 1980 through 31 March 1981. (Project 764748 - Continuation)

\$5,000.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Simulation Studies for Development of Truck Braking Standards, Department of Mechanical Engineering (K. Waldron and G. L. Kinzel), 1 March 1980 through 28 February 1981. (Project 762085 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$4,046.00 - National Science Foundation, Washington, D. C., Symposium on Fundamentals of Friction and Wear of Materials, Pittsburgh, Pennsylvania, Department of Metallurgical Engineering (D. A. Rigney) 15 July 1980 through 30 June 1981. (Project 762279 - New)

\$2,805.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Factors Modifying Blood Platelet Function in Diabetics, Department of Physiological Chemistry (H. W. Sprecher), 1 July 1980 through 31 March 1981. (Project 760745 - Continuation)

\$2,792.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Pharmacy (A. H. Soloway), 1 April 1980 through 31 March 1981. (Project 760661 - Continuation)

\$2,758.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Veterinary Medicine (R. A. Wright), 1 April 1980 through 31 March 1981. (Project 762776 - Continuation)

\$2,312.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Career Mobility in Medical Record Administration, School of Allied Medical Professions (R. J. Atwell and M. M. Pariser), 1 July 1980 through 30 June 1981. (Project 761395 - Continuation)

\$551.00 - Department of Health and Human Services, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, Division of Biomedical and Behavioral Sciences, Rockville, Maryland, Pathomechanism of Temperature-Chemical Carcinogenesis, Department of Physiology (H. S. Weiss), 15 July 1980 through 15 September 1980. (Project 761135 - Continuation)

**TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS**

**\$4,709,064.21**

**State of Ohio Research Contracts/Grants**

\$72,721.00 - State of Ohio, Board of Regents, Columbus, Ohio, Coordination of Allied Health Education Programs, School of Allied Medical Professions (S. C. Upp and D. C. Broski), 1 July 1980 through 30 June 1981. (Project 761399 - Continuation)

September 5, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**State of Ohio Research Contracts/Grants (contd)**

\$52,433.00 - Ohio Youth Commission, Columbus, Ohio, Intern Training for Teaching Academic and Social Skills to Special Education Students, Academic Faculty of Exceptional Children (D. S. Hill), 1 July 1980 through 30 June 1981. (Project 762319 - Continuation)

\$51,493.14 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Provision of Technical Assistance to the Ohio Occupational Information Coordinating Committee, Center for Human Resource Research, Academic Faculty of Labor and Human Resources (S. C. Kelley), 1 July 1980 through 30 June 1981. (Project 762301 - Continuation)

\$50,000.00 - Ohio Inter-University Energy Research Council, Columbus, Ohio, A Proposal to Develop an Energy Information System for Ohio, Department of Economics (W. L. L'Esperance, III), 1 July 1980 through 30 June 1981. (Project 762272 - New)

\$39,664.00 - Ohio Inter-University Energy Research Council, Columbus, Ohio, An Inventory and Integrated Assessment of Ohio Renewable Energy Resources, Program for Energy Research Education and Public Service, Graduate School (P. S. Hoover), 1 July 1980 through 30 June 1981. (Project 762274 - New)

\$34,937.00 - Ohio Inter-University Energy Research Council, Columbus, Ohio, Variables in Residential Energy Management: Food Preparation Practices, Appliances, and Energy Consumption, Department of Home Management and Housing (F. E. Hunt), 1 July 1980 through 30 June 1981. (Project 762306 - New)

\$26,395.00 - State of Ohio, Department of Health, Columbus, Ohio, Comprehensive Adult Hemophilia Clinic, Department of Physical Medicine (R. Weber), 1 July 1980 through 30 June 1981. (Project 762262 - Continuation)

\$25,739.00 - Ohio Inter-University Energy Research Council, Columbus, Ohio, A Nuclear Radiation Protection Action/Decision Methodology for Public Officials, Department of Mechanical Engineering (R. N. Christensen and W. E. Carey), 1 July 1980 through 30 June 1981. (Project 762283 - New)

\$24,988.00 - Ohio Inter-University Energy Research Council, Columbus, Ohio, Simulation of Innovative Techniques for Optimum Hydraulic Fracturing of Devonian Shale, Department of Engineering Mechanics (S. H. Advani), 1 July 1980 through 30 June 1981. (Project 762307 - New)

\$19,992.00 - Ohio Inter-University Energy Research Council, Columbus, Ohio, Conservation Through Cogeneration and District Heating: Prospects for Ohio, Department of City and Regional Planning (O. Fisch), 1 July 1980 through 30 June 1981. (Project 762277 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**State of Ohio Research Contracts/Grants (contd)**

\$8,364.00 - State of Ohio, Department of Health, Columbus, Ohio, A Study of Rheumatologic Services in Crawford County, School of Allied Medical Professions (D. Broski), 1 July 1980 through 31 December 1980. (Project 762282 - New)

\$4,850.00 - Ohio Arts Council, Columbus, Ohio, Summer Sculpture, College of the Arts - Administration (R. J. Stull), 1 July 1980 through 1 September 1980. (Project 762318 - New)

\$3,395.00 - Ohio Arts Council, Columbus, Ohio, Public Presentations by Photographers, Department of Photography and Cinema (J. R. Green), 1 July 1980 through 30 June 1981. (Project 762320 - New)

**TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS                      \$ 414,971.14**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants**

\$694,860.00 - Nigerian Ministry of Education, Bauchi, Nigeria, Intensive Professional Teacher Education Program for Nigerian Teachers, Academic Faculty of Special Services (W. J. Holloway), 1 September 1980 through 31 August 1981. (Project 762314 - New)

\$187,000.00 - World Health Organization, Human Reproduction Unit, Geneva, Switzerland, Evaluation of Active Immunization With Synthetic Peptides of hCG as a Fertility Control Method, Department of Obstetrics and Gynecology (V. C. Stevens), 1 July 1980 through 30 June 1981. (Project 760113 - Continuation)

\$124,397.00 - Korean Ministry of Education, Seoul, Korea, Korean Technical Teacher Training Program, Academic Faculty of Industrial Technology (D. G. Lux), 7 July 1980 through 17 September 1980. (Project 762230 - New)

\$107,931.00 - American Academy of Physician Assistants, Arlington, Virginia, Self-Assessment and Self-Paced Learning Modules for Physicians Assistants, Academic Faculty of Educational Foundations and Research (A. D'Costa), 1 July 1980 through 24 February 1982. (Project 762258 - New)

\$69,205.00 - University of Michigan, Office of Contract Administration, Ann Arbor, Michigan, Genes on Mitochondrial DNA, Department of Genetics (P. S. Perlman), 1 July 1980 through 30 June 1981. (Project 761294 - Continuation)

\$53,455.00 - World Health Organization, Special Programs for Research and Training in Tropical Diseases, Geneva, Switzerland, *In Vitro* Culture of Sporogonic States of *Plasmodium Falciparum*, Department of Entomology (W. F. Hink), 1 June 1980 through 31 May 1981. (Project 761658 - Continuation)

September 5, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

**\$36,255.00** - VITA Treatment Center, Columbus, Ohio, Counseling Internship Program, Academic Faculty of Special Services (D. J. Tosi), 1 July 1980 through 30 June 1981. (Project 762310 - New)

**\$33,106.00** - National Foundation for Ileitis and Colitis, Inc., New York, New York, Microbiological Studies in Crohn's Disease, Department of Medical Microbiology (V. Hamparian, A. Ottolenghi, and J. Hughes), 1 July 1980 through 30 June 1981. (Project 762286 - New)

**\$24,692.00** - City of Columbus, Division of Fire, Columbus, Ohio, City of Columbus Fire Project, College of Administrative Science, Division of Continuing Education (J. Stanley), 1 July 1980 through 31 December 1980. (Project 762284 - Continuation)

**\$22,800.00** - Atlantic Richfield Foundation, Los Angeles, California, A Seminar on Creativity, Invention and Technology, School of Public Administration (S. Lundstedt), 1 June 1980 through 31 July 1981. (Project 762308 - New)

**\$18,150.00** - American Heart Association, Inc., Dallas, Texas, Central Neuronal Control of Peripheral Circulation, Department of Physiology (J. A. Boulant), 1 September 1980 through 31 August 1981. (Project 761185 - Continuation)

**\$11,903.00** - University of California, Davis, California, Intensive Forage Production Systems for Smallholder Sheep and Goat Productions, International Programs in Agriculture (M. G. Smith) and Department of Agronomy (R. W. Van Keuren), 1 June 1979 through 31 May 1980. (Project 761949 - Continuation)

**\$11,000.00** - World Health Organization, Special Programs for Research and Training in Tropical Diseases, Geneva, Switzerland, Establishment of an Integrated System for the Characterization of Microsporidian Parasites, Department of Entomology (J. D. Briggs), 1 July 1980 through 30 June 1981. (Project 760976 - Continuation)

**\$10,133.00** - The Columbus Foundation, Columbus, Ohio, Follow-up: BACKWARDS, Telecommunications Center (M. Mottler), 1 August 1980 through 31 December 1980. (Project 762302 - New)

**\$6,206.00** - Anaconda Copper Company, Denver, Colorado, Evaluating the Use of Zeolite in Poultry Diets, Department of Poultry Science (D. Latshaw), 15 February 1980 through 15 September 1980. (Project 762026 - Continuation)

September 5, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$6,000.00 - American Cancer Society, Ohio Division, Cleveland, Ohio, Immunotherapy of Spontaneous Murine Melanoma by Delayed Hypersensitivity to Idiotypic Determinants of Tumor-Specific Monoclonal (Hybridoma) Antibody, Department of Microbiology (B. S. Zwillling and Z. L. Herd), 1 July 1980 through 30 June 1981. (Project 762296 - New)

\$6,000.00 - American Cancer Society, Ohio Division, Cleveland, Ohio, Short-Term *In Vivo* Cancer Detection Test, Department of Physiological Chemistry (D. E. Schumm), 1 July 1980 through 30 June 1981. (Project 762276 - New)

\$5,600.00 - Otterbein College, Westerville, Ohio, Assistance With Administration, Counseling, Programmatic and Training Services, Academic Faculties of Special Services and Educational Administration (R. F. Rodgers), 24 August 1980 through 31 May 1981. (Project 762297 - New)

\$5,151.00 - Southwest Oncology Group, Kansas City, Kansas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Medicine (H. E. Wilson), 30 June 1980 through 31 December 1980. (Project 760617 - Continuation)

\$5,000.00 - The American University in Cairo, Social Research Center, New York, New York, Collaborative Research With the American University Social Science Research Center in Cairo, Egypt, Mershon Center for Education in National Security (S. Z. Nagi), 1 September 1980 through 31 August 1981. (Project 760444 - Continuation)

\$5,000.00 - The Asia Society, Inc., New York, New York, "Outreach" Program of Information Diffusion, Speaker Series, Film Series and Other School-Community-Oriented Activities Relating to China, Office of Academic Affairs, Center for International Studies (D. M. Lampton) and Department of Political Science (B. Richardson), 1 April 1980 through 31 March 1981. (Project 761026 - Continuation)

\$4,650.00 - Otterbein College, Westerville, Ohio, Assistance With Administration, Programming and Policy Analysis, Academic Faculties of Special Services and Educational Administration (R. F. Rodgers), 3 September 1980 through 31 May 1981. (Project 762300 - New)

\$4,579.00 - Oregon State University, Corvallis, Oregon, Socioeconomic Analysis of Repository Siting, Department of Agricultural Economics and Rural Sociology (T. L. Napier), 17 July 1980 through 30 September 1981. (Project 762312 - New)

\$4,560.00 - Capital University, Columbus, Ohio, Assistance With Administration, Counseling, Programmatic and Training Services, Academic Faculties of Special Services and Educational Administration (R. F. Rodgers), 1 August 1980 through 31 May 1981. (Project 762299 - New)



September 5, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$3,600.00 - The National Reye's Syndrome Foundation, Inc., Bryan, Ohio, Chemical Markers of Reye's Syndrome, Department of Pharmacology (B. Andresen), 1 July 1980 through 30 June 1981. (Project 762287 - New)

\$3,339.00 - Midlands Technical College, Columbia, South Carolina, Postsecondary Alliance - Evaluation Program Option A - Clearinghouse, National Center for Research in Vocational Education (R. E. Taylor), 1 May 1980 through 30 June 1981. (Project 762195 - Continuation)

\$3,339.00 - Trident Technical College, Charleston, South Carolina, Postsecondary Alliance - Evaluation Program Option A - Clearinghouse, National Center for Research in Vocational Education (R. E. Taylor), 1 May 1980 through 30 June 1981. (Project 762195 - Continuation)

\$3,156.00 - Ohio Dominican College, Columbus, Ohio, Assistance With Administration, Counseling, Programmatic and Training Services, Academic Faculties of Special Services and Educational Administration (R. F. Rodgers), 25 August 1980 through 31 May 1981. (Project 762316 - New)

\$3,000.00 - The General Electric Foundation, Bridgeport, Connecticut, Educators in Industry Workshop, Academic Faculty of Special Services (J. V. Wigtil), 1 June 1980 through 30 September 1980. (Project 762273 - New)

\$2,000.00 - American Cancer Society, Ohio Division, Cleveland, Ohio, Development of Glioma Cell Clones, Department of Pathology (V. A. Liepkalns), 1 July 1980 through 30 June 1981. (Project 762294 - New)

\$1,350.00 - The Burroughs Wellcome Fund, Research Triangle Park, North Carolina, Research and Collaboration at University of Dundee Medical Sciences Institute, Scotland, Department of Food Science and Nutrition (K. L. Roehrig), 1 July 1980 through 31 August 1980. (Project 762270 - New)

\$1,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Myocardial Calcium Regulation - Adaptation to Chronic Exercise, Department of Physiological Chemistry (J. A. Merola and A. C. Gillespie), 1 July 1980 through 31 July 1980. (Project 761508 - Continuation)

\$262.00 - Morehead State University, Morehead, Kentucky, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 15 June 1980 through 31 July 1980. (Project 768031 - New)

<b>TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS</b>	<b>\$1,478,679.00</b>
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September 5, 1980 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### ENGINEERING EXPERIMENT STATION

#### State Sponsored Research and Development

\$2,485.00 - State of Ohio, Department of Energy, Columbus, Ohio, Service Trial of Waste Vegetable Oil as a Diesel Fuel Supplement, Department of Mechanical Engineering, April 1, 1980 through September 30, 1980. (EES586/529066, Extension 2)

#### Industrial and Other Sponsored Research and Development

\$204,790.00 - International Engineering Company, Inc., San Francisco, California, A Study of Radio Frequency Interference from HVDC Converter Stations, Department of Electrical Engineering, June 23, 1980 through September 30, 1982. (EES607/529087)

\$34,192.00 - Brown and Root, Houston, Texas, Improvements in Analytical Techniques for the Static and Dynamic Analysis of Offshore Pipelines Which Are Under Construction, Department of Mechanical Engineering, June 1, 1980 through September 30, 1981. (EES608/529088)

\$25,000.00 - Engineering Council for Professional Development, New York, New York, Research Apprenticeship for Disadvantaged High Schoolers (RADHS), College of Engineering, June 1, 1980 through December 31, 1980. (EES015/529312)

\$15,000.00 - American Iron and Steel Institute, Washington, D. C., Columns Braced in Nonprincipal Directions, Department of Civil Engineering, May 1, 1980 through April 30, 1981. (EES598/529078, Extension 1)

\$15,000.00 - Bethlehem Steel Research Center, Bethlehem, Pennsylvania, Kinematics of Iron Oxide Reduction in Coal, Department of Metallurgical Engineering, July 1, 1980 through June 30, 1981. (EES609/529089)

\$402,005.00 - forty-nine sponsors for 62 development projects under the direction of 15 departments.

#### TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH AND DEVELOPMENT

\$695,987.00

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

#### Gifts of \$5,000 or More

\$100,000.00 - Battelle Memorial Institute Foundation, Columbus, Ohio, for Friends of WOSU Endowment Fund.

September 5, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$70,000.00 - General Motors Foundation, Inc., Detroit, Michigan--\$13,000.00 for Capital Campaign-Mechanical Engineering; \$11,000.00 for Capital Campaign-Electrical Engineering; \$8,000.00 for Capital Campaign-Industrial and Systems Engineering; \$7,000.00 for Capital Campaign-Chemical Engineering; \$6,000.00 for College of Engineering Special Fund; \$6,000.00 for Engineering Mechanics Chairman's Discretionary Fund; \$6,000.00 for Capital Campaign-Welding Engineering; \$5,000.00 for Capital Campaign-Engineering Graphics; \$5,000.00 for Capital Campaign-Metallurgical Engineering; and \$3,000.00 for Affirmative Action Program in Engineering.

\$67,750.00 - Arthur E. Shepard, Columbus, Ohio (2,000 shares Alexander & Alexander Services, Inc.), for Arthur E. Shepard Designated Professorship in Insurance.

\$50,000.00 - The Spencer Foundation, Chicago, Illinois, for Spencer Educational Scholars Fund.

\$42,566.00 - Eli Lilly Company, Indianapolis, Indiana--\$30,566.00 for Cardiovascular Research and \$12,000.00 for Infectious Disease Research Fund.

\$28,698.85 - Louise Orr Scott Foundation, Columbus, Ohio--\$21,524.14 for William Craig Orr and Mary Black Orr Scholarship in Medicine and \$7,174.71 for William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

\$22,919.00 - E. I. duPont de Nemours & Co., Wilmington, Delaware, for Clinical Pharmacology Fund.

\$22,000.00 - Mrs. Florence Melton, Columbus, Ohio, for Florence Melton Discovery Group Project.

\$21,991.53 - University Eye Surgeons, Inc., Columbus, Ohio (given in the name of Richard H. Keates, M.D.), for Eye Bank Fund.

\$21,945.44 - American Hoechst Corporation, Bridgewater, New Jersey, for Infectious Disease Research Fund.

\$20,852.19 - The Grand Chapter of Ohio Order of the Eastern Star, Danville, Ohio--\$13,496.93 for Cancer Research Fund and \$7,355.26 for Cardiovascular Research.

\$20,000.00 - The Bremer Foundation, Youngstown, Ohio, for Bremer Foundation Fund.

\$17,281.76 - Retinal Consultants, Inc., Columbus, Ohio--\$14,458.34 for Retina Research Fund and \$2,823.42 for Ophthalmology Photography Fund.

September 5, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$16,250.00 - Owens-Corning Fiberglas Corp., Toledo, Ohio--\$10,000.00 for WOSU Support Fund; \$6,000.00 for Owens-Corning Fiberglas Engineering Scholarship Fund; and \$250.00 for College of Engineering Special Fund.

\$14,024.70 - Systems Associates, Columbus, Ohio, for Cardiology Support Fund.

\$13,500.00 - Grange Mutual Casualty Co., Columbus, Ohio, for WOSU Support Fund.

\$13,100.00 - The Edward Orton, Jr., Ceramic Foundation, Columbus, Ohio, for John L. Carruthers Fellowship in Ceramic Engineering.

\$12,500.00 - Landmark, Inc., Columbus, Ohio (given in the names of Hughes, Wollenslegel, Wisenstein, and Casey), for Landmark-OARDC.

\$12,364.00 - IBM, Tarrytown, New York, for Department of Physics IBM Minority Fellowship Fund.

\$11,000.00 - Dr. Ulrich Saxer, Columbus, Ohio, for Veterinary Surgery Research.

\$10,000.00 - Bethlehem Steel Corporation, Bethlehem, Pennsylvania, for Bethlehem Steel-Senior Projects.

\$10,000.00 - Paul Ecke Poinsettias, Encinitas, California (given in the name of Elisabeth Ecke), for D. C. Kiplinger Chair in Floriculture.

\$10,000.00 - Ford Motor Company Fund, Dearborn, Michigan, for Advanced Design Methods Laboratory-Mechanical Engineering.

\$10,000.00 - Oncology Immunology Lab, Columbus, Ohio (given in the name of John P. Minton), for Cancer Research Fund.

\$9,731.25 - Mrs. Beatrice Newman, Columbus, Ohio (300 shares of Standard Shares, Inc.), for M. S. Newman Professorship of Chemistry.

\$8,527.94 - Moffitt Royalty Trust, San Antonio, Texas, for Melvin E. Moffitt Memorial Fund.

\$7,910.00 - The Peat, Marwick, Mitchell Foundation, New York, New York, for Peat, Marwick, Mitchell Discretionary Fund.

\$7,500.00 - Florence E. K. Hurd Fund of the Columbus Foundation, Columbus, Ohio--\$3,975.00 for Professional Studio Training in the Visual Arts and \$3,525.00 for Professional Training in the Visual Arts Scholarship Fund.

September 5, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$6,960.00 - The Procter & Gamble Co., Cincinnati, Ohio, for Procter & Gamble Fellowship Fund in Chemical Engineering.

\$6,697.75 - Trust Under the Will of Carl M. Baldwin, Columbus, Ohio, for Carl M. and Grace C. Baldwin Eye Care Fund.

\$6,240.51 - Citizens Loan & Building Company, Lima, Ohio, for Diabetes Research Fund.

\$6,040.00 - Nationwide Insurance Co., Columbus, Ohio, for WOSU Support Fund.

\$6,000.00 - Ohio Nurserymen's Assoc., Inc., Columbus, Ohio, for Ohio Florists Association Special Fund.

\$6,000.00 - Mrs. Dorothy V. Steiner, Clearwater, Florida, for Loren F. Steiner Entomology Memorial Fund.

\$5,275.00 - Merrill-National Laboratories, Cincinnati, Ohio, for Gastrointestinal Cancer Research Fund.

\$5,000.00 - Society of American Florists, Edwardsville, Illinois, for Ohio Florists Association Special Fund.

\$5,000.00 - Battelle Memorial Institute, Columbus, Ohio, for Mechanical Engineering Coal Combustion Laboratory Fund.

\$5,000.00 - McDonald's, Columbus, Ohio (given in the names of Thomas G. Fewster and Victor Lucas)--\$2,500.00 for Ohio 4-H Foundation Support Fund and \$2,500.00 for Ohio 4-H Foundation Fund.

\$5,000.00 - Mobil Foundation, Inc., Paulsboro, New Jersey, for Mechanical Engineering Coal Combustion Laboratory Fund.

\$5,000.00 - Dr. M. Henry Speck, Youngstown, Ohio, for Drs. M. Henry and Myron E. Speck Fund.

\$5,000.00 - Uniroyal, Inc., Naugatuck, Connecticut, for Endowed Professorship in Plant Protection.

**Gift-in-Kind**

\$57,800.00 - Nicolet Scientific Corp., Northvale, New Jersey, equipment for Department of Mechanical Engineering.

September 5, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds**

##### **The Kathryn M. Wildermuth Memorial Scholarship Fund**

The Kathryn M. Wildermuth Memorial Scholarship Fund was established September 5, 1980, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Mrs. Kathryn M. Wildermuth of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduate students in the upper 10 per cent of their class and who are deserving of scholarship aid; the selection of the recipient(s) to be made upon the recommendation of the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the appropriate administrative official of the University who is then directly responsible for scholarships.

##### **The David and Phyllis Beck Scholarship Fund**

The David and Phyllis Beck Scholarship Fund was established September 5, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from David and Phyllis Beck, Dayton, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The income is to be used to provide undergraduate and graduate scholarships in the College of Agriculture and Home Economics, with preference given to students of the Department of Animal Science from Montgomery and Preble Counties, Ohio. Student recipients will be determined by a scholarship selection committee composed of the Dean of the College of Agriculture and Home Economics, the Department Chairman of Animal Science and the County Extension Agents of Montgomery and Preble Counties. Requisitions for scholarships are to be approved by the Dean of the College of Agriculture and Home Economics.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Dean of the College of Agriculture and Home Economics or from the appropriate administrative official of the University who is then responsible for study related to the field of agriculture.

September 5, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **The Hans Willenegger Residency in Veterinary Surgery**

The Hans Willenegger Residency in Veterinary Surgery was established September 5, 1980, by The Ohio State University Board of Trustees with gifts to The Ohio State University Development Fund from Western European nationals and members of the Association for Osteosynthesis (AO) International in recognition of the work and ideals of Professor Doctor Hans Willenegger.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from the principal shall be used as a stipend to support a residency position in veterinary surgery. The stipend will be comparable with other resident stipends within the College of Veterinary Medicine. First preference must be given to veterinarians who are Western European nationals who have met all criteria for admission and immigration. The names and qualifications of candidates will be screened by a committee of AO International representatives and then presented to the College of Veterinary Medicine Graduate Resident Committee. The chairperson of this committee will forward a specific recommendation to the Dean of the College of Veterinary Medicine, who will name the recipient.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University, who is then directly responsible for the study of veterinary medical education.

##### **The Michael Swink Memorial Scholarships in Theatre**

The Michael Swink Memorial Scholarships in Theatre was established September 5, 1980, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund, from the family and friends of Michael Swink, B.A. '75, of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduate students who have demonstrated exceptional talent and ability in theatre in the area of stage lighting, sound, and/or stage design. The selection of the recipient is to be made upon the recommendation of the Chairman of the Department of Theatre and the Dean of the College of the Arts.

September 5, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Michael Swink Memorial Scholarships in Theatre (contd)**

Should the need for this scholarship cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University, who is then directly responsible for theatre education.

**The College of Medicine Class of 1922 Memorial Scholarship Fund**

The College of Medicine Class of 1922 Memorial Scholarship Fund was established September 5, 1980, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Mabel Ensworth Goudge, M.D. '22, of Wolfville, Nova Scotia.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide a scholarship for a second-year medical student with selection of the recipient to be made upon the recommendation of the University Committee on Student Financial Aid, in cooperation with the Dean of the College of Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the appropriate administrative official of the University who is then directly responsible for medical scholarships.

**Morgan Memorial Scholarship Fund**

The Morgan Memorial Scholarship Fund was established September 5, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Morgan Lumber Sales Company and other friends in tribute to its founder, Walter E. Morgan.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

The annual income shall be added to the principal until the fund reaches \$5,000. At that time, the annual income shall be used to provide scholarship support to a student pursuing a



September 5, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**Morgan Memorial Scholarship Fund (contd)**

degree in the School of Natural Resources, Division of Forestry. The student must demonstrate high academic achievement as well as financial need. The selection of the student shall be made by the Director of the School of Natural Resources in conjunction with the Director of Student Financial Aids. On an annual basis, the Director of Financial Aids will provide the Morgan Lumber Sales Company with the name of the student who received the award.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University, who is then directly responsible for scholarships.

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**EMPLOYMENT OF ARCHITECT/ENGINEER**

**ENERGY MODIFICATIONS TO BUILDINGS--PHASE V (PROJECT "A")**

Resolution No. 81-27

*Synopsis: Employment of engineer to conduct study for project, Energy Modifications to Buildings--Phase V (Project "A"), is being proposed.*

WHEREAS the present energy availability necessitates the continuation of the ongoing energy conservation modifications at The Ohio State University; and

WHEREAS the completed energy programs have resulted in substantial savings for The Ohio State University, and the Energy Management Committee has approved programs for modification of the existing outside air and recirculation air systems and associated controls in Founders' Hall on the Newark Campus for an annual savings of approximately \$25,000 with a one year and seven month payback; modification of the existing centrifugal chiller from natural gas to electric drive at an estimated annual savings of \$21,812 with a two year and four month payback in the Fawcett Center for Tomorrow; and replacement of the existing 316 ton absorption chiller with electric centrifugal chiller in the Health Sciences Library with an estimated annual savings of \$25,000 with a three year and six month payback; and

WHEREAS \$199,700 has been provided from Contract Repair Funds:

NOW THEREFORE

BE IT RESOLVED, That the firm of Philip E. Absi and Associates of Columbus, Ohio, be employed for engineering services, including working drawings, specifications, estimates of costs, and all necessary bidding documents and supervision of construction; and

September 5, 1980 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECT/ENGINEER (contd)**

**ENERGY MODIFICATIONS TO BUILDINGS--PHASE V (PROJECT "A") (contd)**

BE IT FURTHER RESOLVED, That the fee for these services be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total project cost estimated to be \$199,700.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**LEASE - GREENTREE ENTERPRISES, INC.**

Resolution No. 81-28

*Synopsis: Lease of 1,600 square feet of floor space in the Ohio Union for a food service operation is being presented for approval.*

WHEREAS Pizza Hut previously occupied 1,600 square feet of floor space in the Ohio Union for a food service operation; and

WHEREAS the Pizza Hut food service operation was terminated on August 10, 1980; and

WHEREAS there is currently no need for this space to be used for the academic programs of the University; and

WHEREAS Greentree Enterprises, Inc., submitted a bid to The Ohio State University Purchasing Department for a food service operation which would replace the terminated Pizza Hut food service operation offering to pay rent based on a percentage of gross sales:

**NOW THEREFORE**

BE IT RESOLVED, That the Secretary of the Board of Trustees be authorized to execute a lease with Greentree Enterprises, Inc., for the lease of 1,600 square feet of floor space in the Ohio Union for a lease term of September 8, 1980 to June 30, 1985, with the rent for said term being based on the following percentages of gross sales: 12 per cent, except that 13 per cent shall be paid on the sales of beer and wine; in the event gross sales exceed \$250,000 in any lease year, the percentage rent would be 13 per cent and 14 per cent, respectively, on any such excess.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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September 5, 1980 meeting, Board of Trustees

## AMENDMENTS TO UNIVERSITY HOSPITALS BOARD BYLAWS

Resolution No. 81-29

*Synopsis: Amendments to University Hospitals Board Bylaws is proposed.*

WHEREAS pursuant to rule 3335-103-01 of the Administrative Code, the Board of Trustees is authorized to amend the University Hospitals Board Bylaws; and

WHEREAS after a careful study of the University Hospitals Board Bylaws, as approved by the Board of Trustees on May 2, 1980, certain amendments are recommended; and

WHEREAS paragraph (B) of rule 3335-101-03, Medical Staff Organization, is amended to be consistent with rule 3335-97-03 in which the Medical Staff should recommend to the Joint Conference Committee of the Board, appointments or re-appointments of applicants to the Medical Staff; and

WHEREAS whenever the term "Hospital Clinical Service" appears in paragraph (B) of rule 3335-101-06, and in rule 3335-101-07, the terminology is amended to read "Hospital Clinical Departments" in order to make it consistent with the Medical Staff Bylaws; and

WHEREAS the composition of committees is changed from three to four members in rules 3335-97-03, 3335-97-04, and 3335-97-05:

NOW THEREFORE

BE IT RESOLVED, That the amendments as recommended by the University Hospitals Board be approved as they are printed in the accompanying pages.

Upon motion of Dr. Jacob, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

3335-97-03 Joint conference committee.

(A) Purpose. The joint conference committee shall be a forum for discussion of medical policy and practice in the university hospitals and shall advise the board concerning hospitals patient care goals, policies, standards of care, and general operating problems. All recommendations of the medical staff to the board shall first be sent to the joint conference committee for its consideration and recommendation before being acted upon by the board. The committee shall perform such other duties as shall be given it by the board and shall also have the following specific duties:

- (1) Accreditation. The committee shall be responsible for advising the hospitals board on all matters relevant to maintenance of joint commission on accreditation of hospitals' accreditation. The committee shall monitor hospitals operation to identify areas of potential non-compliance with joint commission on accreditation of hospitals' standards and shall make recommendations to the hospitals board and to the medical staff for appropriate action.

**AMENDMENTS TO UNIVERSITY HOSPITALS BOARD BYLAWS (contd)**

- (2) Disaster planning. The committee shall be responsible for the development and maintenance of methods for the protection and care of hospitals patients and others at the time of internal and external disaster.
  - (3) Medical staff appointments. The committee shall make recommendations to the board on all applications for appointment or reappointment to the medical staff of the hospitals, and on all matters dealing with suspension or revocation of privileges of members of the medical staff, as may be provided under the bylaws of the medical staff.
  - (4) Medical staff bylaws, rules, and regulations. The committee shall recommend to the hospitals board all bylaws, rules, and regulations governing the activities of the medical staff, or amendments thereto, that it may consider necessary to assure proper patient care.
  - (5) Medical staff liaison. The committee shall advise the hospitals board on any communications, requests, or recommendations presented by the medical staff through its duly authorized representatives. The committee shall receive and consider all reports on the work of the medical staff organization and make such recommendations to the board as it considers to be in the best interest of the hospitals. The committee shall also receive and consider issues that may arise in the planning and operation of the hospitals that affect the relationship of the board, hospitals management, and medical staff organization.
- (B) Composition. The hospitals board shall be represented on the committee by the vice chairman of the board, who shall serve as chairman of this committee, and four other members of the board appointed annually by the board chairman. Other members of the joint conference committee will be as follows: the director of university hospitals, the medical director of the hospitals, the associate administrator of nursing services, the chief of staff or person in equivalent position, and two additional members of the medical staff selected by the organized medical staff. The director of university hospitals will serve as secretary of the committee.
- (C) Meetings. The joint conference committee shall meet on call by the committee chairman and shall advise the board members and medical staff of its activities.

**3335-97-04 Finance committee.**

- (A) Purpose. The finance committee shall be responsible for advising the board on hospitals financial matters. The committee will review the annual operating budget, monthly financial reports, and any proposals for adjusting hospital charges for services before they are submitted to the board for recommendation to the university administration and the university board of trustees.
- (B) Composition. The finance committee shall consist of four board members appointed annually by the chairman of the board, one of whom shall be the chairman of this

**AMENDMENTS TO UNIVERSITY HOSPITALS BOARD BYLAWS (contd)**

committee; the Ohio state university vice president for health sciences or designee; the Ohio state university vice president for finance and planning or designee; the Ohio state university vice president for personnel services or designee; the hospitals medical director or designee; and the chief of medical staff or designee.

- (C) Meetings. The committee shall meet at the call of the chairman as often as is necessary to perform its duties.

**3335-97-05 Hospital facilities committee.**

- (A) Purpose. The committee shall monitor the condition of the hospitals facilities and shall have the responsibility for planning and recommending additions, alterations, repair, and maintenance.
- (B) Composition. The committee shall consist of four board members, appointed annually by the chairman of the board, one of whom shall serve as chairman of the committee; the Ohio state university vice president for health sciences or designee; the Ohio state university vice president for finance and planning or designee; the Ohio state university vice president for business and administration or designee; and the medical director of the hospitals or designee.

- (C) Meetings. The committee shall meet at the call of the chairman as often as is necessary to perform its duties.

**3335-97-06 Special committees.**

Special or ad hoc committees of the board may be established by the board.

**Chapter 3335-99**

**RELATIONSHIPS OF HOSPITALS TO HEALTH SCIENCES,  
ACADEMIC, AND RESEARCH PROGRAMS**

**3335-99-01 Relationships of hospitals to health sciences,  
academic, and research programs.**

The health sciences colleges of the university carry out a significant portion of their educational and research activity in university hospitals. Although the board has not been delegated specific responsibilities for academic programs, it shall lend its best efforts to assure that the programs of the health sciences colleges are effectively supported in collaboration with the hospitals patient care programs. The vice president for health sciences shall be charged with maintaining an effective liaison between the health sciences colleges and the hospitals board to assure excellence in both academic and patient care programs.

**AMENDMENTS TO UNIVERSITY HOSPITALS BOARD BYLAWS (contd)**

**Chapter 3335-101**

**MEDICAL STAFF**

**3335-101-01 General.**

The hospitals board holds the medical staff organization accountable to the board for establishing and maintaining standards of medical care. The board will review and approve the medical staff bylaws before they are submitted to the Ohio state university board of trustees.

**3335-101-02 Medical staff.**

For purposes of Chapter 3335-101 of the Administrative Code, the words "medical staff" shall include all physicians and dentists who are authorized to attend patients in the hospital or in any other medical care activity administered by the hospitals, and may include such other professionals as the medical staff bylaws designate.

**3335-101-03 Medical staff organization.**

The board shall approve and authorize the organization of the medical staff to discharge those duties and responsibilities assigned to it by the board and specifically to accomplish the following purposes, among others:

- (A) To monitor the quality of medical care in the hospital and make recommendations to the board to ensure that all patients--admitted to or treated at any of the facilities, departments, or services of the hospitals--receive high quality medical care.
- (B) To recommend to the joint conference committee of the board the appointment or reappointment of an applicant to the medical staff of the hospitals, the clinical privileges such applicant shall enjoy in the hospitals, and appropriate action that may be necessary in connection with any member of the medical staff.
- (C) To represent the medical staff of the hospitals and to provide the means whereby issues concerning the medical staff and the hospitals are discussed within the medical staff organization and among representatives of the medical staff, the hospitals board, and the hospitals administration.
- (D) To establish specific rules and regulations governing actions of members of the medical staff.

**3335-101-04 Medical staff bylaws.**

The medical staff organization shall recommend to the board medical staff bylaws, rules, and regulations that set forth the medical staff organization and the governance process for maintaining such bylaws, rules, and regulations to accomplish the purposes set forth in rule 3335-101-03 of the Administrative Code. When such bylaws, rules, and

### **AMENDMENTS TO UNIVERSITY HOSPITALS BOARD BYLAWS (contd)**

regulations are adopted by the board and the Ohio state university board of trustees, they shall become effective and become part of the bylaws, rules, and regulations of the hospitals. The medical staff organization shall also be responsible for reviewing these bylaws, rules, and regulations periodically and recommending appropriate revisions to the board.

#### **3335-101-05 Appointment to the medical staff and assignment of clinical privileges.**

Upon recommendation of the medical staff and in accordance with the medical staff bylaws, the board may appoint faculty members who are graduates of recognized medical and dental schools, meeting the qualifications prescribed in the medical staff bylaws, to membership on the medical staff of the hospitals and shall grant clinical privileges to such persons, subject to ratification of the Ohio state university board of trustees. Appointment to the medical staff carries with it full responsibility for the treatment of individual hospitals patients subject to such limitations as may be imposed by the board or the bylaws, rules, and regulations of the medical staff. Appointments to the medical staff shall be for one year, renewable each year in accordance with the reappointment procedure set forth in the medical staff bylaws. Reappointments to the medical staff will be made annually by the board, and shall be for one year.

#### **3335-101-06 Medical staff administrative committee.**

(A) Purpose. The medical staff administrative committee shall establish and maintain means of accountability to the board, in accordance with the medical staff bylaws. It shall concern itself primarily with the quality of medical care within the hospitals. It shall receive and act upon all medical staff committee reports and make recommendations regarding medical staff status and privileges to the board. Other specific duties of the medical staff administrative committee are identified in the medical staff bylaws.

(B) Composition. The medical board of the medical staff shall be known as the medical staff administrative committee which shall be composed of the chief of staff, the chief of staff-elect, the chiefs of clinical departments, three at-large members elected by the medical staff, the medical director, and the director of hospitals. The medical director, who is appointed by the dean of the college of medicine and the vice president for health sciences subject to approval by the board, shall serve as chairperson of the medical staff administrative committee.

(C) Meetings. The medical staff administrative committee shall meet monthly. Minutes of the meetings shall be provided to all members of the joint conference committee, the dean of the college of medicine, the dean of the college of dentistry, and the deans of other professional colleges whose faculty have appointment on the medical and dental staffs.

#### **3335-101-07 Hospital clinical departments.**

(A) Appointment of the chief of each clinical department is subject to approval by the board on the recommendation of the dean of the applicable professional

**AMENDMENTS TO UNIVERSITY HOSPITALS BOARD BYLAWS (contd)**

school and the vice president for health sciences. All such appointments shall be periodically reviewed by the board. Chiefs of clinical departments vacancies may be filled on an interim basis at any time by action of the dean of the appropriate professional college, after consulting with the board. (In general, the chiefs of clinical departments will be chairmen of corresponding academic departments in the medical college.)

- (B) The board may delegate, through approval of the medical staff bylaws or by appropriate board resolution, to the chiefs of the clinical departments responsibility for maintaining the quality of medical care in their services, and for recommending an applicant's appointment or reappointment to the medical staff of the hospitals and privileges for such an applicant.
- (C) The dean of the college of medicine serves as the chief medical officer of the hospitals and in this capacity is accountable directly to the vice president for health sciences and to the board. In matters relating to medical care in the hospitals, members of the clinical departments of the hospitals are accountable to their clinical chiefs, who are accountable to the medical director, who is accountable to the dean of the college of medicine.

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**EASEMENT - COLUMBIA GAS OF OHIO, INC.**

Resolution No. 81-30

*Synopsis: Easement to Columbia Gas of Ohio, Inc., is proposed.*

WHEREAS the University has received a request from Columbia Gas of Ohio, Inc., for a twelve-inch gas line across State of Ohio (The Ohio State University) lands from the intersection of Case and Sawmill Roads north along the east side of Sawmill Road for a distance of approximately 3,848 feet; and

WHEREAS Columbia Gas of Ohio, Inc., ultimately plans to link this gas line with an already existing gas line located north of Interstate 270 and east of Sawmill Road; and

WHEREAS the University will be permitted to tap into the gas line if the University should need gas service in that area; and

WHEREAS the appropriate University agencies have recommended that said easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Director of Public Works, Department of Administrative



September 5, 1980 meeting, Board of Trustees

**EASEMENT - COLUMBIA GAS OF OHIO, INC. (contd)**

Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for the easement.

Upon motion of Mr. Hilliker, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**HOSPITALS SELF-INSURANCE AND INDEMNIFICATION PROGRAM**

Resolution No. 81-31

*Synopsis: Extension of the coverage of the Hospitals Self-Insurance and Indemnification Fund to University Hospitals Board members is proposed.*

WHEREAS the Board of Trustees on December 15, 1976, pursuant to Ohio Revised Code section 2743.02(C), authorized the creation of a funded reserve known as the Hospitals Self-Insurance and Indemnification Fund to secure projected and potential expenses, losses and liabilities; and

WHEREAS under the aforementioned self-insurance program the Board resolved to indemnify and hold harmless the members of the Board of Trustees of The Ohio State University against expense, loss or liability arising out of death or injury to any person as a result of negligence, malpractice or other action or inaction of such Trustees while acting within the scope of their duties as the governing board of The Ohio State University Hospitals; and

WHEREAS the Board of Trustees on November 30, 1979 established a University Hospitals Board to oversee patient care services in University Hospitals; and

WHEREAS the University Hospitals Board was composed of three members of the University Board of Trustees and twelve other persons from the general public appointed by the Board of Trustees in consultation with the President; and

WHEREAS on April 4, 1980 the Board of Trustees nominated and appointed twelve general public members to the University Hospitals Board, effective on May 1, 1980:

**NOW THEREFORE**

BE IT RESOLVED, That effective May 1, 1980, pursuant to Ohio Revised Code section 2743.02(C), the University Hospitals Self-Insurance and Indemnification Program be extended, within existing coverage limitations of the fund, to provide coverage to the twelve general public members of the University Hospitals Board; and

BE IT FURTHER RESOLVED, That within the limits of the fund, the twelve general public members of the University Hospitals Board be indemnified and held harmless against expense, loss or liability arising out of death or injury to any person as a result of negligence, malpractice or other action or inaction of such general public members while acting within the scope of their duties as members of the University Hospitals Board.

Upon motion of Dr. Jacob, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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September 5, 1980 meeting, Board of Trustees

**ISSUANCE AND SALE OF THE OHIO STATE UNIVERSITY GENERAL  
RECEIPTS BOND ANTICIPATION NOTES, SERIES 1980**

Resolution No. 81-32

*Synopsis: Providing for the issuance and sale of The Ohio State University General Receipts Bond Anticipation Notes, Series 1980 is recommended.*

WHEREAS the Board of Trustees of The Ohio State University (the "Board"), is vested with the government of The Ohio State University (the "University" and, when the context admits, collectively with the Board called the "University") by Chapter 3335, Ohio Revised Code; and

WHEREAS the University has previously determined, and does hereby confirm, that it has been necessary to construct and equip certain vehicular parking facilities on the campus of the University, comprised of two multi-level parking structures and appurtenances known as the 9th Avenue Parking Ramp and the 11th Avenue Parking Ramp, with an aggregate capacity for the parking of approximately 1,740 motor vehicles, and that it is necessary to install smoke detector equipment in 11,113 living units of University and University Housing Commission dormitories and other University living quarters and in the common areas of 25 University and University Housing Commission dormitory buildings, such vehicular parking facilities and smoke detector equipment being herein called the "Project"; and

WHEREAS the costs of the Project constituting "costs of auxiliary facilities" as defined in Section 3345.12 (A) (8), Ohio Revised Code (the "costs of the Project") are at least \$9,500,000; and

WHEREAS the University previously determined, and does hereby confirm, to borrow funds for the permanent financing of the costs of the Project, and for such purpose to issue its General Receipts Bonds (the "Bonds") at such time and in such principal amount as may be necessary for such purpose, pursuant to authorizing provisions of law including Sections 3345.11 and 3345.12, Ohio Revised Code; and

WHEREAS the University heretofore determined that it was necessary to issue, prior to and in anticipation of permanent financing of the costs of the Project, \$9,500,000 of General Receipts Bond Anticipation Notes, Series 1979 (the "Outstanding Notes") as provided in Resolution No. 80-58 adopted by this Board on November 30, 1979, and has determined that it is necessary to issue notes as provided in this resolution to refund the Outstanding Notes; and

WHEREAS the Outstanding Notes mature December 27, 1979 subject to the right of the University to prepay and redeem the Outstanding Notes which this Board has determined to do as of October 1, 1980;

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of The Ohio State University, that:

Section 1. It is determined to be necessary to borrow, pursuant to Section 3345.11 and 3345.12, Ohio Revised Code and for the purpose of refunding the Outstanding Notes issued

**ISSUANCE AND SALE OF THE OHIO STATE UNIVERSITY GENERAL  
RECEIPTS BOND ANTICIPATION NOTES, SERIES 1980 (contd)**

for the purpose of paying the costs of the Project, the amount of \$9,500,000 and to issue General Receipts Bond Anticipation Notes, Series 1980 (the "Notes") to evidence such borrowing.

Section 2. The Notes shall be in the aggregate principal amount of \$9,500,000; shall be dated as of October 1, 1980; shall bear interest from their date at a rate or rates not exceeding ten per centum (10%) per annum, to be fixed by the Fiscal Officer in his certificate awarding the Notes pursuant to Section 6 hereof, such interest to be payable at maturity; and shall mature April 1, 1981; shall be issued in such denominations as requested by the Original Purchaser and approved by the Fiscal Officer, provided that the denominations shall be in the minimum amount of \$25,000 each and if greater in multiples of \$5,000 and that the entire principal amount may be represented by a single note; shall be numbered as determined by the Fiscal Officer; shall not have coupons attached; shall be signed in their official capacities by the Chairman of the Board or the President of the University and by the Fiscal Officer, provided that one of such signatures may be a facsimile signature; and shall express upon their faces the purpose for which they are issued and that they are issued pursuant to this resolution.

Section 3. The Notes may be issued in registered form or in unregistered form as requested by the Original Purchaser, shall reflect the appropriate terms of the offer and sale thereof consistent with this resolution and with the Invitation for Proposals attached hereto, and may contain such other provisions, consistent with this resolution and with the Invitation for Proposals attached hereto, as the President of the University or the Fiscal Officer may approve.

Section 4. If the holder (in this section called the "owner") of a note issued pursuant to this resolution claims that such note has been lost, destroyed, or wrongfully taken, the Fiscal Officer is authorized to cause to be executed and delivered a new note (in this section called the "replacement note") of like date and tenor (specifying on its face, however, that it is issued in place of the original note) in place of the original note, in accordance with and subject to the provisions of Section 1308.35, Ohio Revised Code, and of this section. The owner's notification and request pursuant to said Section 1308.35 shall be in writing, addressed to the Fiscal Officer and shall include evidence satisfactory to the Fiscal Officer of such loss, destruction, or wrongful taking and of his ownership. The Fiscal Officer is authorized to approve, so long as satisfactory to such officer, the indemnity bond that the owner shall file with the University as a condition to the issuance of a replacement note, and is further authorized to impose other reasonable requirements, including a requirement that the owner pay the reasonable expenses and charges of the University in connection with the issuance, execution and delivery of such replacement note, as conditions to the delivery of a replacement note.

Section 5. The principal of and interest on the Notes shall be payable at the main office of The Huntington National Bank of Columbus, Columbus, Ohio, or at such other bank designated by the Fiscal Officer in his certificate awarding the Notes pursuant to Section 6 hereof, such payment to be made in Federal Reserve Funds of the United States of America if the Original Purchaser shall so elect.

**ISSUANCE AND SALE OF THE OHIO STATE UNIVERSITY GENERAL  
RECEIPTS BOND ANTICIPATION NOTES, SERIES 1980 (contd)**

Section 6. The Notes shall be sold by the Fiscal Officer at a rate of interest not exceeding the limitation set forth in Section 2 hereof, at par and any premium, and in accordance with the provisions of the "Invitation for Proposals" attached hereto. The Fiscal Officer is hereby authorized and directed to deliver the Notes, when executed, to the Original Purchaser upon payment of the purchase price together with any accrued interest.

Section 7. As provided in this resolution, the principal of and interest on the Notes, together with the principal of and interest on any other notes that may hereafter be issued by the University on a parity therewith, shall be equally and ratably payable from, and secured by a pledge of and a lien on, the "General Receipts" of the University as defined in Section 1 of the General Bond Resolution adopted by this Board on May 7, 1971 (the "General Bond Resolution"), but subject to the existing pledge thereof to bonds issued or to be issued pursuant to the General Bond Resolution. The principal of and interest on the Notes shall also be equally and ratably payable from, and secured by a pledge of and lien on, the proceeds of the sale of bonds or notes issued pursuant to Sections 3345.11 and 3345.12, Ohio Revised Code, or other authorizing provisions of law to refund or retire the Notes in whole or in part. Neither the State of Ohio nor the University or its Board shall be obligated to pay the principal of or interest on the Notes from any other funds or source, and the Notes shall not be a claim upon or lien against any property of the State of Ohio, or any other property of or under the control of the University. The Notes, as to both principal and interest, are not debts or bonded indebtedness of the State of Ohio, are not general obligations of the State or the University, and the full faith and credit thereof are not pledged thereto. The holders of the Notes shall have no right to have any excises or taxes levied by the General Assembly of the State of Ohio for the payment of principal or interest.

In consideration of the loan evidenced by the Notes, the University covenants and agrees that it will do all things necessary to effect the issuance and delivery, prior to the maturity of the Notes, of bonds or notes for the refunding or retiring of the Notes, pursuant to Sections 3345.11 and 3345.12, Ohio Revised Code, or other authorizing provisions of law, in such principal amount as may be necessary to pay the principal of and interest on the Notes, that it will do all things necessary to sell such bonds or notes at the time provided above and will accept such price and such interest rate as shall be necessary in order to effect such sale, and that it shall apply the proceeds thereof to the extent necessary to make full payment of said principal of and interest on the Notes, and these obligations are established as duties specifically enjoined by law upon the University and its officers, and result from their respective offices, trust or stations within the meaning of Section 2731.01, Ohio Revised Code.

In connection with the aforesaid covenant, it is the present intention of the University that any bonds eventually issued to retire the Notes or notes issued to refund the Notes will be issued as General Receipts Bonds pursuant to the General Bond Resolution, and that such bonds shall have not to exceed 30 annual principal maturities and that the debt service thereon shall be on a substantially level debt service basis.

Section 8. The proceeds of the Notes shall be applied promptly by the Fiscal Officer to the timely payment and discharge of the like aggregate principal amount of the Outstanding

September 5, 1980 meeting, Board of Trustees

**ISSUANCE AND SALE OF THE OHIO STATE UNIVERSITY GENERAL  
RECEIPTS BOND ANTICIPATION NOTES, SERIES 1980 (contd)**

Notes. The Fiscal Officer is hereby directed to apply to the payment of the interest due on the Outstanding Notes upon the date of their prepayment, such amounts as may be required therefor from funds of the University lawfully available therefor.

Section 9. The University hereby covenants that it will restrict the use of the proceeds of the Notes in such manner and to such extent, if any, as may be necessary, after taking into account reasonable expectations at the time of the delivery of and payment for such Notes, so that the Notes will not constitute arbitrage bonds under Section 103 (c) of the Internal Revenue Code and the applicable income tax regulations under that Section. The Fiscal Officer, or any other officer having responsibility for issuing the Notes, is authorized and directed, alone or in conjunction with any of the foregoing or with any other officer or employee of or consultant to the University, to give an appropriate certificate of the University, for inclusion in the transcript of proceedings, setting forth the reasonable expectations of the University on the date of delivery of and payment for the notes regarding the amount and use of the proceeds of the Notes and the facts, estimates and circumstances on which they are based pursuant to said Section 103 (c) and the applicable income tax regulations thereunder.

Section 10. This Board determines to prepay the Outstanding Notes as of October 1, 1980, and the Fiscal Officer is hereby authorized and directed to take the appropriate steps and actions and to give such notices as required by Resolution 80-58 to effectuate the prepayment of the Outstanding Notes on said date.

Section 11. As used in this resolution, "Fiscal Officer" shall mean the Vice President for Business and Administration of the University, or, in his absence, the Treasurer of the University; "Original Purchaser" shall mean each financial institution or underwriter which initially purchases the Notes, as identified in the certificate of the Fiscal Officer awarding the Notes pursuant to Section 6 hereof; and references to any specified section of the Ohio Revised Code shall mean said section as it now exists and as it may from time to time be amended, supplemented or affected by later legislation, and shall include any provision enacted in substitution therefor or as a supplement thereto. Any reference in this resolution to an officer of the University or the Board shall refer to the person holding such office or, in the event of absence or vacancy in such office, then to the person performing the duties of such office.

Section 12. It is hereby found and determined that all formal actions of this Board concerning and relating to the adoption of this resolution were adopted in an open meeting of this Board, and that all deliberations of this Board and of any of its committees that resulted in such formal action were in meetings open to the public, in compliance with all legal requirements including Section 121.22, Ohio Revised Code.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

September 5, 1980 meeting, Board of Trustees

**INVITATION FOR PROPOSALS  
\$9,500,000 THE OHIO STATE UNIVERSITY  
GENERAL RECEIPTS BOND ANTICIPATION NOTES, SERIES 1980**

The Ohio State University (the "University"), Columbus, Ohio, contemplates the issuance of general receipts bond anticipation notes in the principal amount of \$9,500,000 (the "Notes") to refund a like amount of general receipts bond anticipation notes previously issued in anticipation of the issuance of General Receipts Bonds, to pay the costs of certain University Facilities, consisting of the construction and equipping of new vehicular parking facilities and the installation of smoke detector equipment in University and University Housing Commission dormitories and other University living quarters.

Sealed proposals for the purchase of the Notes will be received by the University Treasurer at his office in 910 Lincoln Tower, the address of which is 1800 Cannon Drive, Columbus, Ohio 43210, until 12:00 o'clock, Noon, Eastern Daylight Saving Time on September 26, 1980, at which time the proposals will be opened and read publicly.

The Notes will be dated as of October 1, 1980, will mature April 1, 1981, will not be subject to prepayment nor have coupons attached and will bear interest from their date payable at maturity.

Proposals may be for all or part of the \$9,500,000 principal amount of the Notes, provided that (i) each proposal for less than all of the Notes shall be in a whole multiple of \$500,000 and (ii) each proposal shall be in an amount not less than \$1,000,000. Each proposal shall be for the purchase of the Notes proposed to be purchased at not less than par, and shall state the principal amount proposed to be purchased and the interest rate or rates which said principal amount shall bear, but only one rate shall be specified for any given \$500,000 segment of Notes proposed to be purchased. "All or none" proposals with respect to any principal amount of Notes proposed to be purchased shall not be considered. Each proposal shall be in writing, on the form provided by the University, and enclosed in a sealed envelope endorsed "Proposal for General Receipts Bond Anticipation Notes, Series 1980."

The Notes or any portion thereof will be sold to the party or parties submitting the highest proposal therefor based on the lowest interest cost to stated maturity. Each segment of the Notes for which a given party submitting a proposal specifies a separate interest rate will be considered a separate proposal and any premium specified will be allocated pro rata among all the segments proposed to be purchased, unless separate premiums are specified for each segment. The lowest interest cost for each segment will be determined by taking the aggregate amount of interest to the stated maturity at the rate specified and deducting therefrom the amount of premium applicable thereto. The Notes will then be awarded in segments commencing with the segment for which the lowest interest cost was offered and continuing with the awards in order of interest cost offered, from lowest to highest; provided, however, in the event that two or more proposals specify the same lowest interest cost and the award to such parties submitting proposals would exceed the principal amount of the Notes offered for sale, the award as to such proposals will be made pro rata.

The University reserves the right to award to any party submitting a proposal all or any part of the Notes which such party submitting a proposal offers to purchase in its proposal on

### INVITATION FOR PROPOSALS (contd)

the basis of such proposal, except that partial awards shall be in the amount of at least \$500,000. In the event that a pro rata award would result in a partial award of less than \$500,000, the successful party submitting a proposal with respect to that segment will be determined by lot. In addition, the University reserves the right to reject any or all proposals and to re-offer the Notes (in the same or in an increased or decreased aggregate principal amount) for sale, and also reserves the right to waive any informality, irregularity or defects.

The Notes will be payable at the main office of The Huntington National Bank of Columbus, Columbus, Ohio, or at such other bank designated by the University Vice President for Business and Administration, or the University Treasurer, as the case may be, in his certificate awarding the notes as provided in Section 6 of the note resolution authorizing the Notes; will be payable in Federal Reserve funds of the United States of America if so requested by the purchaser or purchasers; and will be in such numbers and denominations (provided that the denominations shall be in the minimum amount of \$25,000 each and if greater, in multiples of \$5,000) as may be requested by the purchaser or purchasers and approved by the Vice President for Business and Administration of the University, or in his absence, the University Treasurer.

Principal of and interest on the Notes and such other notes that may be issued on a parity therewith, are payable from the "General Receipts" of the University as defined in Section 1 of the General Bond Resolution adopted by the Board of Trustees of the University on May 7, 1971 (the "General Bond Resolution"), but subject to the existing pledge thereof to bonds issued or to be issued pursuant to the General Bond Resolution. Principal of and interest on the Notes are also payable from the proceeds of the sale of bonds or notes issued pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code or other authorizing provisions of law to refund or retire the Notes in whole or in part. The holders of the Notes shall have no right to have any excises or taxes levied by the General Assembly of the State of Ohio for the payment of principal or interest.

Legal matters incident to the issuance of the Notes and with regard to the tax-exempt status of the interest thereon are subject to the approving legal opinion of Squire, Sanders & Dempsey, Bond Counsel, which will be furnished without cost to the successful party or parties submitting proposals at the time the Notes are delivered. Bond Counsel has not been engaged to confirm or verify, assumes no responsibility for, and expresses and will express no opinion as to the accuracy, completeness or fairness of any statements in any reports, financial information, offering or disclosure documents or other information relating to the University or the Notes that may be prepared or made available by the University or others to the parties submitting proposals for or holders of the Notes or others.

The University will furnish without expense the Notes which will be in printed form, and the cost of printing the Notes will not be considered in determining the highest proposal. A complete transcript of proceedings will also be furnished by the University together with a certificate that to the knowledge of the signers no litigation or administrative action or proceeding is pending or threatened at the time of delivery to restrain or enjoin or seeking to restrain or enjoin the issuance and delivery of the Notes, or to contest or question the proceedings and authority under which the Notes have been authorized, issued, sold, executed or delivered or the validity of the Notes.

**INVITATION FOR PROPOSALS (contd)**

The Notes will be delivered for payment at a single bank or trust company within the State of Ohio, or at a single bank or trust company in the City and State of New York, without cost to the purchasers, such bank or trust company to be designated by the Vice President for Business and Administration of the University, or, in his absence, the University Treasurer. Unless other mutually satisfactory arrangements are made, each successful party submitting a proposal will be required to accept delivery of the portion of the Notes which were awarded to it at such place when so available.

Before making tender of the Notes, or any portion thereof for which award has been made, at the place of delivery, the University shall give written notice to the successful parties submitting proposals not later than the fifth business day before the proposed tender, of the fact that the Notes, transcript, no-litigation certificate and approving opinion will be available for delivery and giving the date and hour for the tender at the place of delivery; provided, however, that nothing herein contained shall prevent the making of a mutually agreeable arrangement for the delivery of the Notes either at the place fixed for delivery or elsewhere.

It is anticipated that the Notes will be available for delivery on October 1, 1980, and payment therefor, together with any accrued interest thereon if delivered after October 1, 1980, must be made in Federal Reserve funds of the United States of America. If such notice has not been given by the University or waived by the successful party submitting a proposal and the Notes, transcript, no-litigation certificate and approving legal opinion are not available for delivery to the successful party submitting a proposal at such place of delivery on or before 12:00 o'clock Noon Eastern Daylight Saving Time of the 45th calendar day after the day fixed for receipt of proposals, and the successful party submitting a proposal shall not be in default of any of its obligations, it shall thereafter, and so long as tender thereof by the University shall not yet have been made, have the right to cancel the contract of purchase by delivering to the office of the undersigned during regular business hours written notice of such cancellation.

In the event that, prior to their delivery, the interest on said Notes should, by act of Congress or otherwise, become subject to federal income taxes, or any act of Congress should provide that the interest income on said Notes shall be taxable at a future date for federal income tax purposes, whether directly or indirectly, the successful party or parties submitting proposals may refuse to accept delivery.

It is contemplated that the undersigned, acting pursuant to the authority conferred by the resolution authorizing the issuance of the Notes, will award the same promptly on the day on which bids are received.

Richard D. Jackson  
Acting University Treasurer  
The Ohio State University  
Telephone: (614) 422-6261

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September 5, 1980 meeting, Board of Trustees

## REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 81-33

RESOLVED, That the report on the University's Investment Portfolio, dated August 15, 1980, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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### REPORT TO THE BOARD OF TRUSTEES

HAROLD L. ENARSON

#### Looking Ahead to Autumn Quarter--A Brief Preview

Mr. Chairman and members of the Board, there is a deathly still over the campus and it will not last. In a few days the campus will be alive with students and we will be opening a new academic year. In December--all too soon--I will be presiding at the 274th commencement exercises of The Ohio State University. I thought it might be helpful, I hope it will be of some interest to this Board, if I look ahead very quickly to the Autumn Quarter and give all of you, and through you others, a brief preview of the coming year.

**Enrollment** - It is heartening to see that our enrollment is relatively stable. At the Columbus campus we expect about 53,000 students. The regional campuses are expected to show an increase of enrollment of possibly 5 per cent or so to about 4,000 or 4,100 and of note to some of you, the freshman class of some 7,000 or 7,100 will have more women than men for the first time since World War II. It will have about 51 per cent to 49 per cent.

**Housing** - Our residence halls will be full, bulging. Indeed, we are making short-term arrangements to handle a temporary overflow of some 200 or so students, and of the 1,100 or so being housed, about half of these are freshmen.

**Student Financial Aid** - Student financial aid is a major problem this fall in ways that I suppose are obvious but often overlooked. There is a very substantial increase in the number of students needing aid and particularly in the amount needed. The number seeking aid is up 3-1/2 - 4 per cent over last fall and the amount they seek is up sharply over last year. Actually it is 22 per cent up. You might be interested to know that the need, the actual need as defined for aid is nearly \$24 million in contrast with the \$19.5 million of a year ago and that, of course, reflects inflation and higher fees and unfortunately the federal support is not increasing proportionately.

**Leadership** - A moment ago I recommended to you the filling of a major position in the University. I think it is important that you in overall understand where we are. Of the ten vice presidents all are now filled; of the seventeen deans all but Dentistry is filled and the search is underway for that person. Of the 117 departmental chairpersons there is one vacancy and four acting and of the 3,211 faculty, which excludes lecturers and teaching assistants, we will have 208 new this fall. I

**REPORT TO THE BOARD OF TRUSTEES**  
**HAROLD L. ENARSON (contd)**

**Looking Ahead to Autumn Quarter--A Brief Preview (contd)**

don't have firm, comparable data on this but it is my sure conviction that that is probably the lowest level of new hires for a long time. There is an extremely high degree of stability in the labor force of American higher education now. The reason is painfully obvious to those who are in the business.

**Academic Programs and Support** - With respect to academic programs and support, there are some new degree programs, notably the Doctor of Pharmacy and the Bachelor of Science in Aviation. These have been approved at all the University levels. We have done the impossible; we have actually consolidated some departments--the Departments of Biochemistry and Physiological Chemistry were consolidated. We have--thanks to Dr. Kuhn in the first instance and now Dr. Reynolds--a program review underway in 23 different areas, and seven of these reviews are to be completed this year. We are, as we reported this morning, in the midst of some major budget reallocations. We do move and have moved significant funds from areas of declining enrollment to areas of expanding enrollment such as engineering and administrative sciences. We have made a substantial investment in teaching and research equipment including \$7 million in one-time funds last year.

**Libraries** - I think it is important to note that in our libraries, we now have well over 3.5 million books, up 95,000 over past autumn. We have allocated last year \$400,000 in supplemental funds for acquisitions. I have to say in the same breath that the demand for increases in library resources continue to outstrip anything that we could possibly finance.

**Health Sciences** - In the health sciences, as I noted earlier, we have made key appointments in this past year, including the Director of Nursing, and as of today the Director of Hospitals. Despite very keen competition for nurses here in the community, our nursing staff is up from 415 to 520. University Hospitals now, as of today, has a formal medical staff organization and the medical faculty in the hospitals has elected a chief of medical staff.

Good news is never news, but it is noteworthy--at least to this Board--that the Practice Plan enters its second year and that through the diligent efforts of all concerned we have had a very smooth first year, and I find it particularly gratifying that there has been no need to use formal dispute procedures to resolve any of our problems. Both in Dentistry and Medicine we are now in transition from 3- to 4-year programs and it's heartening to know that we have some hard dollar support from the General Assembly. As I told you so many times, the federal capitation support for the health area is drying up very fast and I think to our great credit as an institution we have moved substantial sums of money from other parts of the enterprise to make up for these losses in the health sciences. I am not sure that's as well understood and appreciated in the health areas as it might be.

**REPORT TO THE BOARD OF TRUSTEES  
HAROLD L. ENARSON (contd)**

**Looking Ahead to Autumn Quarter--A Brief Preview (contd)**

**International Programs** - With respect to international programs, we have the office now of the Midwest University Consortium for International Activities and we have recently established a new Center for International Studies, and I think we have a first-rate person to head that up.

**Support Services** - Something called--the dulllest possible bureaucratese support services yet utterly important--we established last year the Environmental Health and Safety Office. I think it is fair to say that we haven't done enough over the years in this domain and it is fair to say that it will be difficult ever to do all that we perhaps should do or that people expect us to because the problems are so large and they are changing so rapidly, but we are making a major thrust and we now have a professional and clerical staff of 12 to monitor a whole range of potential hazards and to assure the safety of students and staff.

We have also strengthened our program for physically impaired, not because of pressures we have had from anybody at any time, but because it has been the right thing to do. We have put increased dollars into that program--we have a new Director hired who will be here soon, we have expended money to improve building access, we have added to our transportation services and we have eased access to the recreation programs.

**Athletics** - In athletics, I won't touch on all the things that are covered everyday in the sports page because you know that. But what you don't know and should know is that we continue to make improvements in our women's programs. Our grants-in-aid were virtually zero when I came here eight years ago and the past four years we have moved the number of grants-in-aid for women from 62 to 92. We are not unaware of some of the problems of sister institutions around the nation including some of our Pac 10 colleagues on the West Coast. We are taking every precaution we can imagine. The academic advising of student athletes, we realize, is very sensitive and very important as is our monitoring of their eligibility, and we are strengthening the ties between the academic counseling of student athletes and the Office of Academic Affairs.

**Traffic and Parking** - There are really only several things of deep and profound interest to faculty, staff, and students--sex and parking--and I don't have anything to say about the former, but with respect to parking, we had hoped to have a new street widening done by the first of the new year but it will be a little late. We are widening West Woodruff Avenue near High Street which I think will clearly improve the flow of traffic from campus. We have resurfaced and restriped the parking areas. We are making better use, incidentally, of our space by remarking some parking spaces to fit small cars. As a result, we have gained an additional 205 cars. We have also frustrated the President enormously because he can no longer find a place to park his car--which is not a small car--it is an old, tired car, but it's not a small car.

September 5, 1980 meeting, Board of Trustees

**REPORT TO THE BOARD OF TRUSTEES  
HAROLD L. ENARSON (contd)**

**Facilities Improvements**

Now, with your forbearance, I would like to go to one other item and this item is of such importance in terms of the future of this University that I have chosen to spell out my comments, and I realize you can read faster than—let your eye flow down the page faster than I can read, but I think it is important that I try to underscore some points with respect to facilities, and the points I make are in essence points that have been made before to you, but that doesn't delude from their fundamental validity.

First, every project in our current capital improvements program enhances the quality of the University's service in one way or another. Some projects are not glamorous. But all are essential.

Second, almost none of these projects is related to enrollment. Rather, they are directly linked to our efforts to provide better services in health and other areas. Or they are required because we must renovate or replace old buildings.

Third, it is absolutely essential that funds be provided to keep up with the ongoing maintenance requirements of a physical plant of about 440 buildings that have a replacement value of approximately \$1 billion.

Finally—the most telling point in these figures—is the fact that *all* funds for construction and improvement of facilities at Ohio State will soon be gone.

The capital improvements bill has been stalemated in the General Assembly since last spring. We intend, however, to continue to press for passage of some kind of capital improvements measure. The magnitude of that bill, of course, must finally be determined by the political process.

Yet—and I want to underscore this point publicly once again—the capital projects proposed by this University nearly two years ago are still badly needed.

I recall that eight years ago, when I came here, the University's highest capital priority was replacement of the old Sawtooth section of McPherson Laboratory. It *continues* to be our top priority. It is a sad commentary that students who must use this laboratory probably had much better facilities in their high schools.

As every homeowner knows, it is the height of folly to neglect faulty plumbing or a leaking roof. A university is no different, except that when the damage comes it will be much more expensive to repair. The economy of delay is a false economy.

We should be spending \$10-\$12 million annually on utilities improvements and renovation alone, to say nothing of new facilities that may be needed in the years ahead. Yet the following figures are painfully clear. The count-down has begun. And this University has about two years before it runs out of capital improvements funds completely.

September 5, 1980 meeting, Board of Trustees

**REPORT TO THE BOARD OF TRUSTEES  
HAROLD L. ENARSON (contd)**

**Facilities Improvements (contd)**

**THE YEAR PAST: 1979-80**

A.	Projects Completed		
	9th Avenue Parking Ramp	\$ 4.50M	January, 1980
	Energy Control Center	0.55M	September, 1979
	Starling-Loving Improvements (Optometry)	0.16M	September, 1979
	University Hospitals Kitchen	0.775M	December, 1979
	Classroom Improvements	0.30M	April, 1980
	Sisson Hall Improvements	0.29M	May, 1980
	Parking Lot Repairs	0.50M	September, 1979
	Utility Line Improvements	0.88M	Various Times
B.	Projects Continued		
	Agronomy Building	\$13.60M	(Started 6/79)
	Cancer Center Laboratory	2.70M	(Started 3/79)
	Rhodes Hall	42.30M	(Started 7/75)
	Energy Conservation	1.07M	(Started 3/79)
C.	Projects Started		
	University Hospitals Remodeling	\$13.00M	February, 1980
	Oral Surgery Remodeling (Dentistry)	0.20M	November, 1979
	Dormitory Smoke Detectors	3.00M	July, 1979
	Northwood School Barrier Removal	0.24M	November, 1979
	Orton Hall Renovation	1.24M	October, 1979
	St. John Arena Women's Locker Room	0.27M	May, 1980
	Don Scott Field Improvements	0.74M	September, 1979
	VA Clinic	3.50M	July, 1979

**THE YEAR AHEAD: 1980-81**

A.	Projects To Be Completed	
	Cancer Center Laboratory	\$ 2.70M
	Rhodes Hall	42.30M
	Oral Surgery Remodeling	0.20M
	Energy Conservation	1.07M
	Dormitory Smoke Detectors	3.00M
	Northwood School Barrier Removal	0.24M
	Orton Hall Renovation	1.24M
	St. John Arena Women's Locker Room	0.27M
	Don Scott Field Improvements	0.74M
	Woodruff-College Traffic Improvements	0.04M
	Parking Lot Repairs	0.25M
	Biological Sciences Energy Improvements	0.38M
	North Dormitory HVAC Retrofit	0.36M
	Other Utility & Renovation	0.28M

September 5, 1980 meeting, Board of Trustees

**REPORT TO THE BOARD OF TRUSTEES  
HAROLD L. ENARSON (contd)**

**Facilities Improvements (contd)**

**THE YEAR AHEAD: 1980-81 (contd)**

B.	Projects To Be Continued	
	Agronomy Building	\$13.60M
	University Hospitals Remodeling	13.00M
C.	Projects To Be Started	
	Recreation Fields Lighting and Improvements	\$ 0.32M
	Chemical Warehouse	0.67M
	Additional Barrier Removal	0.20M

**THE NEXT BIENNIUM: 1981-83**

A.	Projects To Be Completed	
	Agronomy Building	\$13.60M
	University Hospitals Remodeling	13.00M
	Recreation Fields Lighting and Improvements	0.32M
	Chemical Warehouse	0.67M
B.	Projects To Be Continued	
	None funded by capital appropriations.	
C.	Projects To Be Started	
	None funded by capital appropriations unless Capital Improvements Legislation, currently in Conference Committee, is passed.	

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Thereupon the Board adjourned to meet Friday, October 3, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott  
Secretary

Chester Devenow  
Chairman

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND SIXTY-FIRST MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, October 3, 1980

The Board of Trustees met at its regular monthly meeting on Friday, October 3, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Chester Devenow, Chairman, Patricia D. James, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, and Leonard J. Immke.

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Minutes of the last meeting were approved.

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October 3, 1980 meeting, Board of Trustees

The Chairman, Mr. Devenow, called the meeting of the Board of Trustees to order at 11:45 a.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering personnel-related issues.

Present: Chester Devenow, Chairman, Patricia D. James, Warren J Smith, John D. Jacob, D. James Hilliker, Daniel M. Galbreath, and Edmund C. Redman.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

**CHANGE "THE WARNER M. AND LORA KAYS POMERENE  
PROFESSORSHIP IN MEDICINE" TO "THE WARNER M.  
AND LORA KAYS POMERENE CHAIR IN MEDICINE"**

Resolution No. 81-34

*Synopsis: Change "The Warner M. and Lora Kays Pomerene Professorship in Medicine" to "The Warner M. and Lora Kays Pomerene Chair in Medicine," is being proposed.*

WHEREAS the Board of Trustees on January 14, 1965, approved a set of guidelines for the establishment of "Named Chairs," which was subsequently modified March 3, 1972, and renamed "Endowed Chairs," and was modified further on May 5, 1978; and

WHEREAS the Board of Trustees on January 9, 1976 approved the establishment of an "Endowed Professorship" to be known as "The Warner M. and Lora Kays Pomerene Professorship in Medicine"; and

WHEREAS through an additional bequest to The Ohio State University Development Fund from Warner M. Pomerene (B.A. '15, LL.B. '17) and Mrs. Lora Kays Pomerene (B.S. '16), of Coshocton, Ohio, it is desired to change the "Endowed Professorship" to an "Endowed Chair" to be known as "The Warner M. and Lora Kays Pomerene Chair in Medicine"; and

WHEREAS all gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees and The Ohio State University, with the right to invest and reinvest as occasion dictates; and

WHEREAS the annual income is to be used to provide salary and program support for the work of a distinguished teacher, researcher and physician who is specializing in the field of primary care with appointment to the Pomerene Chair to be recommended by the Dean of the College of Medicine and approved by the Vice President for Health Sciences and the Board of Trustees; and

WHEREAS should the need for this faculty position cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate official of the University who is then directly responsible for primary care medical education:



October 3, 1980 meeting, Board of Trustees

**CHANGE "THE WARNER M. AND LORA KAYS POMERENE  
PROFESSORSHIP IN MEDICINE" TO "THE WARNER M.  
AND LORA KAYS POMERENE CHAIR IN MEDICINE" (contd)**

NOW THEREFORE

BE IT RESOLVED, That "The Warner M. and Lora Kays Pomerene Professorship in Medicine" be changed to "The Warner M. and Lora Kays Pomerene Chair in Medicine."

Upon motion of Mr. Immke, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**PERSONNEL ACTIONS**

Resolution No. 81-35

*Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, Leaves of Absence Without Salary, and Emeritus Titles are recommended for approval.*

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the September 5, 1980 meeting of the Board, including the following Appointments, Leaves of Absence Without Salary, and Emeritus Titles as detailed in the University Budget for 1980-81, be approved.

**Appointments**

Name: MANUEL TZAGOURNIS  
Title: Acting Dean  
College: Medicine  
Effective: Immediately  
Salary: \$52,200.00 (12-month)  
Present Positions: Associate Dean, College of Medicine, and Professor, Department of Medicine

Name: MARLENE LONGENECKER  
Titles: Director, Center for Women's Studies, and Associate Professor, Department of English  
Effective: October 1, 1980  
Salary: \$27,000.00 (9-month)  
Present Position: Associate Professor, Department of English

Name: WARREN J. KING  
Title: Director  
Office: Physically Impaired  
Effective: November 1, 1980  
Salary: \$22,800.00 (12-month)  
Present Position: Service Coordinator, Rehabilitation Service, Southwest State University, Marshall, Minnesota

October 3, 1980 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Appointments (contd)

Name: JOAN E. GRITZMACHER  
Title: Professor and Acting Chairman  
Department: Home Economics Education  
Effective: October 1, 1980  
Salary: \$31,320.00 (12-month)  
Present Position: Professor, Department of Home Economics Education,  
The Ohio State University

#### Leaves of Absence Without Salary

WILLIAM E. HALL, Professor, School of Journalism, effective October 1, 1980 through June 30, 1981, to serve as visiting professor at the University of Hawaii.

MCHENRY R. BOATWRIGHT, Associate Professor, School of Music, effective October 1, 1980 through December 31, 1980, to participate in preparation, presentation, and concert touring in memory of Duke Ellington.

ADRIENNE W. HOARD, Assistant Professor, Departments of Art and Black Studies, effective October 1, 1980 through June 30, 1981, to accept a Fulbright-Hays Grant in Korea.

NADINE R. BROOKS, Instructor, Department of Communication, effective October 1, 1980 through December 31, 1980, for personal reasons.

#### Emeritus Titles

JACK J. EGGSPUEHLER, Department of Aviation, with the title Professor Emeritus, effective May 1, 1980.

LEROY E. JOHNSON, Department of Veterinary Clinical Sciences, with the title Professor Emeritus, effective October 1, 1980.

Upon motion of Dr. Jacob, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 81-36

*Synopsis: The report on contracts, grants, and gifts and the summary for August are presented for Board acceptance.*

October 3, 1980 meeting, Board of Trustees

### REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund;

### NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Office of Business and Administration, the Engineering Experiment Station, and The Ohio State University Development Fund during the month of August 1980, be approved.

Upon motion of Mr. Hilliker, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

### SUMMARY FOR AUGUST 1980

Source	No. of Projects	Support Level
Office of Business and Administration	1	\$ 153,850.00
The Ohio State University Research Foundation	95	5,441,358.00
Engineering Experiment Station	59	344,315.00
		\$5,939,523.00
The Ohio State University Development Fund	3,384 Donors	\$1,330,741.37
Establishment of Named Funds		
The T. Kline Hamilton Award (Department of Human Nutrition and Food Management)		\$ 20,000.00
The Loren F. Steiner Entomology Memorial Fund (Department of Entomology)		\$ 8,830.00

October 3, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**SUMMARY FOR AUGUST 1980 (contd)**

**Establishment of Named Funds**

The Richard B. Reese Memorial Scholarship Fund (Accounting majors participating in intercollegiate athletics)	\$ 5,000.00
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**Report from Presidents Club**

Members to date	4,412
1980: year to date	1,026
New members - August 1980	9

**New Presidents Club Members - August 1980**

Willis F. Abbott	Robert C. Paxton II
Larry L. Cole	Elizabeth M. Randall
Michael J. Gorman	Herbert Solomon
Lee A. Hebert	George E. Weasel III
Patricia L. Marie	

**Presidents Club Member Disenrolled - August 1980**

Timothy L. Hooper

October 3, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **OFFICE OF BUSINESS AND ADMINISTRATION**

#### **State of Ohio Research Contract/Grant**

\$153,850.00 - State of Ohio, Department of Education, Columbus, Ohio, Adult Basic Education Staff Development, Academic Faculty of Vocational-Technical Education, August 1, 1980 through July 31, 1981.

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

#### **Federal Research Contracts/Grants**

\$737,981.00 - Department of Health and Human Services, Public Health Service, Maternal and Child Health, Rockville, Maryland, Mental Retardation Training, Nisonger Center for Mental Retardation (G. E. Martin), 1 July 1980 through 30 June 1981. (Project 761169 - Continuation)

\$494,045.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Spinal Cord Injury Research Center, Department of Surgery (W. E. Hunt and J. S. King), 1 September 1980 through 31 August 1981. (Project 763358 - Continuation)

\$295,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Office of Sea Grant Programs, Rockville, Maryland, The Ohio Sea Grant Program, 1980-1981, College of Biological Sciences, Center for Lake Erie Area Research (C. E. Herdendorf and J. M. Reutter), 1 September 1980 through 31 August 1981. (Project 762364 - Continuation)

\$218,791.00 - Department of Energy, Argonne, Illinois, Electrical Transport and Optical Properties of Random Small Particle Composites, Department of Physics (D. B. Tanner and J. C. Garland), 1 July 1980 through 30 June 1982. (Project 761098 - Continuation)

\$185,537.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Otitis Media With Effusion, Department of Otolaryngology (D. J. Lim), 1 September 1980 through 31 August 1981. (Project 760043 - Continuation)

\$128,840.00 - Department of Education, Washington, D. C., Upward Bound, Office of Academic Affairs, Office of Minority Affairs, (R. T. McDonald), 1 September 1980 through 31 August 1981. (Project 762324 - New)

\$124,924.00 - Department of Education, Bureau for Education of the Handicapped, Washington, D. C., Demonstration of Transitional Services for Severely and Profoundly Retarded School Age Children Across a Variety of Ecological Settings, Nisonger Center for Mental Retardation (V. Cotter), 1 September 1980 through 31 August 1981. (Project 761390 - Continuation)

October 3, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

**\$112,478.00** - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Mechanisms of Organelle Transmission Genetics, Department of Genetics (C. W. Birky and P. S. Perlman), 1 August 1980 through 31 July 1981. (Project 760122 - Continuation)

**\$109,977.00** - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Glycerophospholipid Metabolism in the Brain, Department of Physiological Chemistry (L. A. Horrocks), 1 August 1980 through 31 July 1981. (Project 760039 - Continuation)

**\$75,962.00** - Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, Interdisciplinary Research Project on Sliding Wear, Department of Metallurgical Engineering (D. A. Rigney), 1 September 1980 through 31 August 1981. (Project 762339 - Continuation)

**\$74,619.00** - Environmental Protection Agency, Cincinnati, Ohio, Improved Assumptions About Liquid Flow Through Wastes, Department of Civil Engineering (C. A. Moore), 1 October 1980 through 27 March 1981. (Project 762234 - Continuation)

**\$73,804.00** - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Pain Mechanisms After Spinal Cord Lesions, Department of Anatomy (J. C. Bresnahan), 1 September 1980 through 31 August 1981. (Project 761283 - Continuation)

**\$72,039.00** - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Electrocatalysis of Oxygen Using Water Soluble Metal Porphyrins and Chemically Modified Porphyrin Electrodes, Department of Chemistry (T. Kuwana), 1 October 1980 through 30 September 1981. (Project 761254 - Continuation)

**\$69,932.00** - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute on Aging, Bethesda, Maryland, Work Behavior of Retirement Age Males, Department of Economics (D. O. Parsons), 1 September 1980 through 31 August 1981. (Project 761913 - Continuation)

**\$65,589.00** - Department of Health and Human Services, Region V Office, Office of Human Development Services, Administration for Children, Youth and Families, Chicago, Illinois, Child Welfare Services Training Grant (Teaching), College of Social Work (B. S. Weiss), 1 July 1980 through 30 June 1981. (Project 762373 - New)

October 3, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$65,000.00 - Department of the Navy, Naval Training Equipment Center, Orlando, Florida, Computer Animation of a Realistic Terrain Model, Department of Art Education (C. H. Csuri), 15 September 1980 through 15 October 1981. (Project 761954 - Continuation)

\$63,000.00 - National Science Foundation, Washington, D. C., Totally Synthetic Heme Protein Models, Department of Chemistry (D. H. Busch), 1 August 1980 through 31 July 1981. (Project 761152 - Continuation)

\$60,729.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, C-Reactive Protein Regulation of Tumor Immunity, Department of Microbiology (R. F. Mortensen), 1 August 1980 through 31 March 1981. (Project 762354 - New)

\$55,039.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Surface Differentiation of Developing Hemic Cells, Department of Anatomy (C. A. Ackerman), 1 September 1980 through 31 August 1981. (Project 761280 - Continuation)

\$53,954.00 - Department of the Interior, Office of Surface Mining, Washington, D. C., Automated Blast Hole Logging and Design, Engineering Experiment Station, Water Resources Center (C. J. Konya), 1 October 1980 through 30 September 1981. (Project 762365 - Continuation)

\$52,591.00 - Department of Energy, Golden, Colorado, External Pressure-Balanced Reference Electrodes for the Electrochemical Monitoring of Solar Energy Systems, Department of Metallurgical Engineering (D. D. Macdonald), 1 September 1980 through 31 August 1981. (Project 762368 - New)

\$52,395.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Chromatin in Spermatogenesis and Fertilization, Department of Veterinary Pathobiology (K. Marushige), 1 September 1980 through 31 August 1981. (Project 761910 - Continuation)

\$50,507.00 - Department of the Interior, Office of Surface Mining, Washington, D. C., Characterization of Ohio Limestones to Determine Potential Use in Control of Coal Emissions, Engineering Experiment Station, Water Resources Center (C. J. Konya), 30 September 1980 through 29 September 1981. (Project 762366 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$49,787.00 - National Science Foundation, Washington, D. C., Third International Symposium on Antarctic Glaciology, Institute of Polar Studies (D. H. Elliot) and College of Mathematical and Physical Sciences (C. B. Bull), 15 August 1980 through 31 August 1982. (Project 762361 - New)

\$49,328.00 - Department of the Interior, Office of Surface Mining, Washington, D. C., Fracture Mechanics and Structural Response Investigations Associated With Energy Recovery, Department of Engineering Mechanics (S. H. Advani) and Engineering Experiment Station, Water Resources Center (C. J. Konya), 30 September 1980 through 29 September 1981. (Project 762367 - Continuation)

\$48,211.00 - National Science Foundation, Washington, D. C., A Multistage Molecular Model for Neoplastic Transformation in Rats, Department of Microbiology (P. C. Kimball), 1 September 1980 through 31 August 1981. (Project 761782 - Continuation)

\$45,372.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Drug Abuse, Rockville, Maryland, Biotransformation of Cannabinoids by Microorganisms, College of Pharmacy (L. W. Robertson), 1 August 1980 through 31 July 1981. (Project 760386 - Continuation)

\$44,114.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Alpha-Adrenergic and Dopaminergic Stereochemical Studies, College of Pharmacy (D. D. Miller), 1 September 1980 through 31 August 1981. (Project 761349 - Continuation)

\$44,000.00 - National Science Foundation, Washington, D. C., Modelling, Control, and Simulation of Human Locomotion, Department of Electrical Engineering (H. Hemami), 1 July 1980 through 30 June 1981. (Project 761570 - Continuation)

\$41,237.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Clinical Implications of Vergence-Anomaly, College of Optometry (R. Jones), 1 August 1980 through 31 July 1981. (Project 761249 - Continuation)

\$40,000.00 - National Science Foundation, Washington, D. C., Characterization of Tegumentary Membrane-Bound Enzymes of Gastrointestinal Parasites, Department of Zoology (P. W. Pappas), 1 November 1980 through 31 October 1981. (Project 762358 - New)



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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$39,813.00 - Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, Analyzing Program Methodologies Using Software Science, Department of Computer and Information Science (S. H. Zweben), 1 August 1980 through 31 July 1981. (Project 762340 - New)

\$38,857.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Isolation and Genetic Analysis of Sporulation Genes, Department of Microbiology (D. H. Dean), 1 August 1980 through 31 July 1981. (Project 761218 - Continuation)

\$36,003.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Intestinal Secretion: Receptor Mechanisms, College of Pharmacy (T. S. Gaginella), 1 September 1980 through 31 August 1981. (Project 761373 - Continuation)

\$34,567.00 - National Science Foundation, Washington, D. C., Cenozoic Biostratigraphy of Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (P. N. Webb), 15 July 1980 through 31 July 1981. (Project 762326 - New)

\$33,500.00 - National Science Foundation, Washington, D. C., Investigation of Oxygen and Alkali Diffusion in Feldspar, Department of Geology and Mineralogy (K. A. Foland), 1 August 1980 through 31 July 1981. (Project 762357 - New)

\$33,297.00 - National Science Foundation, Washington, D. C., Collaborative Research on a Monographic Study of the Genus *Coreopsis* (Compositae), Department of Botany (D. J. Crawford), 15 August 1980 through 31 August 1981. (Project 762328 - Continuation)

\$33,000.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Bellanca Skyrocket Natural Laminar Flow Flight Research, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek) and Department of Aviation (G. S. Weislogel), 20 August 1980 through 17 September 1980. (Project 762359 - New)

\$30,000.00 - Department of the Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, EO Device Signature Reduction, Department of Electrical Engineering, ElectroScience Laboratory (E. Damon and R. Nordstrom), 1 August 1980 through 30 September 1980. (Project 762341 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$30,000.00 - National Endowment for the Arts, Washington, D. C., The Plow and the River: Documentation of America in Cinema, Department of Photography and Cinema (R. Wagner), 1 July 1980 through 30 June 1981. (Project 762269 - New)

\$27,507.00 - National Science Foundation, Washington, D. C., A Study of the Use of Time-Series Designs for Assessing the Development of Science Concepts in Adolescents, Academic Faculty of Science and Mathematics Education (V. J. Mayer), 1 September 1980 through 31 August 1981. (Project 762375 - New)

\$25,691.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Properties of Skeletal Muscle in Alloxan Diabetes, Department of Physiology (J. A. Grossie), 1 September 1980 through 31 August 1981. (Project 761345 - Continuation)

\$25,001.00 - National Science Foundation, Washington, D. C., Test of Conflicting Hypotheses on the Cenozoic Glaciation of the Transantarctic Mountains, Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (G. Faure), 1 August 1980 through 31 July 1981. (Project 762369 - New)

\$25,000.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, General Aviation Low-Speed Airfoil Design and Analysis Service, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 1 July 1980 through 30 June 1981. (Project 760454 - Continuation)

\$25,000.00 - National Science Foundation, Washington, D. C., Late Cretaceous and Early Tertiary Biogeography of the Southern Circum-Pacific, Institute of Polar Studies (D. H. Elliot and W. J. Zinsmeister), 1 August 1980 through 31 July 1981. (Project 762348 - Continuation)

\$24,762.00 - National Science Foundation, Washington, D. C., Engineering Specialized Research Equipment: Data Acquisition System for Geotechnical Experiments Utilizing a Shake Table, Department of Civil Engineering (W. E. Wolfe), 1 August 1980 through 31 July 1981. (Project 762327 - New)

\$22,000.00 - Department of the Navy, Naval Regional Contracting Office, Long Beach, California, Formulate Quasi-Optical Techniques for Antennas at UHF, Department of Electrical Engineering, ElectroScience Laboratory (C. Walter, R. Marhefka, and R. C. Rudduck), 1 August 1980 through 30 September 1980. (Project 761784 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$18,585.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Purchase of NMR Spectrometer for Core User Group, Department of Chemistry (D. Horton, P. Frey, and L. Berliner), 1 September 1980 through 31 August 1981. (Project 761911 - Continuation)

\$18,500.00 - National Science Foundation, Washington, D. C., An Analysis of Microstructure and Toughness of Ceramics, Department of Metallurgical Engineering (R. G. Hoagland), 1 August 1980 through 31 December 1980. (Project 762334 - New)

\$16,830.00 - Department of the Interior, Fish and Wildlife Service, Washington, D. C., Forage Utilization by Walleye and Yellow Perch in Western Lake Erie, Department of Zoology (T. J. Peterle and R. F. Carline), 22 July 1980 through 31 July 1982. (Project 762281 - New)

\$13,281.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Intrarenal Pressure and Renal Function, Department of Medicine (L. A. Hebert), 1 July 1980 through 31 March 1981. (Project 761786 - Continuation)

\$10,908.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Mechanical Control and Energetics of Muscle Contraction, Department of Physiology (E. Bozler, J. A. Grossie, and J. A. Rall), 1 September 1980 through 31 August 1981. (Project 760924 - Continuation)

\$10,632.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., The Electrophysiologic Mechanisms of Halogenated Alkane Arrhythmogenesis, Department of Veterinary Physiology and Pharmacology (S. M. Strauch), 1 September 1980 through 30 September 1980. (Project 761648 - Continuation)

\$10,356.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, T-matrix Formulation to Study the Frequency Dependent Properties of Absorbing Materials, Department of Engineering Mechanics (V. K. Varadan and V. V. Varadan), 1 August 1980 through 30 April 1981. (Project 762329 - New)

\$10,000.00 - Department of the Army, Cold Regions Research and Engineering Laboratory, Hanover, New Hampshire, Soil Investigations Along Haul Road and at Prudhoe Bay, Alaska, Institute of Polar Studies and Department of Agronomy (K. R. Everett), 1 July 1980 through 31 January 1981. (Project 762345 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$10,000.00 - National Science Foundation, Washington, D. C., Acute Effects of Inhalation of Volcano Dust in the Canine Model, Department of Veterinary Physiology and Pharmacology (R. L. Hamlin), 1 August 1980 through 31 July 1981. (Project 762372 - New)

\$3,789.00 - National Science Foundation, Washington, D. C., Doctoral Dissertation Research in Anthropology, Department of Anthropology (F. E. Poirier and W. A. Lawrence), 1 September 1980 through 31 December 1982. (Project 762336 - New)

\$1,775.00 - Department of the Army, Corps of Engineers, Buffalo District, Buffalo, New York, A Shoreline Inventory of the Lake Erie Shoreline and Selected Reaches of Navigable Rivers in the State of Ohio, Department of Civil Engineering (K. Bedford) and College of Biological Sciences, Center for Lake Erie Area Research (C. Herdendorf), 1 September 1980 through 1 December 1980. (Project 761113 - Continuation)

**TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS**

**\$4,263,436.00**

**State of Ohio Research Contracts/Grants**

\$65,000.00 - State of Ohio, Department of Education, Columbus, Ohio, Ohio Education Deans' Task Force Project, Academic Faculty of Exceptional Children (T. Stephens), 1 June 1980 through 31 May 1981. (Project 762261 - New)

\$39,409.00 - State of Ohio, Department of Economic and Community Development, Columbus, Ohio, Rural Crime Prevention Center, Department of Agricultural Economics and Rural Sociology (G. H. Phillips), 1 August 1980 through 31 July 1981. (Project 762351 - Continuation)

\$34,289.00 - Ohio Youth Commission, Columbus, Ohio, Ohio Youth Commission Visual Response System Project, Academic Faculty of Exceptional Children (W. L. Heward), 1 July 1980 through 30 June 1981. (Project 762349 - Continuation)

\$24,000.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Coordinate Career Education Materials Development Activities, Academic Faculty of Special Services (J. J. Quaranta), 1 June 1980 through 30 September 1980. (Project 762337 - New)

\$17,300.00 - State of Ohio, Department of Education, Columbus, Ohio, Heads of Teacher Education Program, Academic Faculty of Exceptional Children (T. M. Stephens), 1 June 1980 through 31 May 1981. (Project 762343 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**State of Ohio Research Contracts/Grants (contd)**

\$10,000.00 - Ohio Arts Council, Columbus, Ohio, Public Film, Photography and Video Exhibition in Columbus, Department of Photography and Cinema (J. R. Green), 1 January 1980 through 30 June 1980. (Project 762311 - New)

\$9,694.00 - Ohio Board of Regents, Columbus, Ohio, A Multi-Disciplinary Approach to Podiatric Curricular Development Related to Aspects of Aging, College of Medicine - Administration and Department of Pathology (L. Liss), 1 July 1980 through 30 June 1982. (Project 762333 - New)

\$9,694.00 - Ohio Board of Regents, Columbus, Ohio, Interdisciplinary Aspects of Geriatric Oral Health Care, College of Medicine - Administration and Department of Pathology (L. Liss), 1 July 1980 through 30 June 1982. (Project 762331 - New)

\$9,646.00 - Ohio Board of Regents, Columbus, Ohio, Developmental Determination of Mechanisms for Longevity Assurance, Department of Radiology (R. Stephens) and Department of Zoology (W. Myser), 1 July 1980 through 30 June 1982. (Project 762332 - New)

\$1,134.00 - State of Ohio, Department of Education, Division of Special Education, Columbus, Ohio, Developing Guidelines for Multifactorial Team Evaluations, Academic Faculty of Exceptional Children (M. L. Kabler), 1 June 1980 through 30 September 1980. (Project 762208 - Continuation)

**TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS                      \$ 220,166.00**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants**

\$251,983.00 - The Procter and Gamble Company, Cincinnati, Ohio, Study of Dental Caries, College of Dentistry - Administration (W. A. Zacherl), 1 July 1980 through 30 June 1981. (Project 762065 - Continuation)

\$97,218.00 - The Procter and Gamble Company, Cincinnati, Ohio, Study of Dental Calculus, College of Dentistry - Administration (C. W. Conroy), 1 July 1980 through 30 June 1981. (Project 760029 - Continuation)

\$86,260.00 - Far West Laboratory for Educational Research and Development, San Francisco, California, Development of a Support System for Sex Equity Services in Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 15 June 1980 through 14 February 1982. (Project 762360 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

**\$72,000.00** - Lockheed Missiles and Space Company, Inc., Sunnyvale, California, Antenna Technology Study, Department of Electrical Engineering, ElectroScience Laboratory (E. H. Newman, B. A. Munk, R. Marhefka, and R. C. Rudduck), 9 June 1980 through 30 November 1980. (Project 762233 - Continuation)

**\$66,932.00** - Associated Builders and Contractors, Inc., Washington, D. C., Associated Builders and Contractors Instructional Materials Development Project, Academic Faculty of Industrial Technology (D. G. Lux), 1 September 1980 through 31 August 1981. (Project 761847 - Continuation)

**\$62,660.00** - Hospital Financial Management Association, Oak Brook, Illinois, The Development of a Financial Analysis Service for the Hospital Industry, School of Allied Medical Professions (W. O. Cleverley), 1 July 1980 through 30 June 1981. (Project 761794 - Continuation)

**\$61,475.00** - Cuyahoga Community College, Cleveland, Ohio, and Cleveland Public Schools, Cleveland, Ohio, A Study to Improve the Articulation of Adult/Occupational/Vocational Education Between the Cleveland Public Schools and Cuyahoga Community College, National Center for Research in Vocational Education (R. E. Taylor), 18 August 1980 through 10 April 1981. (Project 762322 - New)

**\$52,414.00** - University of Wisconsin - Milwaukee, Milwaukee, Wisconsin, Distributed Data Base Design, Academic Faculty of Accounting (P. De), 1 August 1980 through 1 December 1981. (Project 762374 - New)

**\$45,000.00** - Southeastern Center for Electrical Engineering Education, St. Cloud, Florida, Analysis of Airborne Antenna Pattern Distortion Effects, Department of Electrical Engineering, ElectroScience Laboratory (W. D. Burnside), 15 July 1980 through 30 September 1980. (Project 762321 - New)

**\$30,000.00** - Petroleum Research Fund, American Chemical Society, Washington, D. C., Coherent Motions in Turbulent Shear Flows: Significance for Mass Transfer and Drag Reduction, Department of Chemical Engineering (R. S. Brodkey), 1 September 1980 through 31 August 1982. (Project 762355 - New)

**\$23,430.00** - American Heart Association, Inc., Dallas, Texas, Biochemical and Structural Analysis of Cardiac Z-Line, Department of Veterinary Anatomy (M. Yamaguchi), 1 July 1980 through 30 June 1981. (Project 762325 - New)

**\$15,659.00** - Morris Animal Foundation, Englewood, Colorado, Cardiac Arrhythmias Associated With Gastric Dilatation-Volvulus in the Dogs: Etiology, Significance, and Therapy, Department of Veterinary Clinical Sciences (J. D. Bonagura), 1 August 1980 through 1 August 1981. (Project 762362 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

**\$13,004.00** - San Diego State University Foundation, San Diego, California, Research on Dynamics of Tundra Ecosystems and Their Potential Response to Energy Resource Development, Institute of Polar Studies and Department of Agronomy (K. R. Everett), 1 May 1980 through 30 April 1981. (Project 762338 - New)

**\$12,000.00** - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Mitral Valve Prolapse Arrhythmias: Effects of Exercise, Department of Medicine (S. F. Schaal and L. Alexander) and School of Health, Physical Education and Recreation (E. Fox), 1 July 1980 through 30 June 1981. (Project 762335 - New)

**\$11,421.00** - The Columbus Foundation, Columbus, Ohio, Alfred L. Willson Conference on Problem Prevention in Early Youth, Academic Faculty of Educational Administration (L. Cunningham), 1 August 1980 through 31 July 1981. (Project 762371 - New)

**\$10,000.00** - Board of Education of the City of New York, Brooklyn, New York, Development of the Program, "Changing Roles of Men and Women," National Center for Research in Vocational Education (R. E. Taylor), 1 April 1980 through 31 October 1980. (Project 762353 - New)

**\$10,000.00** - Morris Animal Foundation, Englewood, Colorado, The Epidemiology and Control of *Strongylus vulgaris* the Major Cause of Colic in Horses, Department of Veterinary Pathobiology (R. P. Herd), 1 August 1980 through 1 August 1981. (Project 762323 - New)

**\$9,680.00** - Morris Animal Foundation, Englewood, Colorado, Culture and Characterization of Bone Marrow Cells from Normal Cats and Cats With Aplastic Anemia, Department of Veterinary Pathobiology (E. A. Hoover), 1 August 1980 through 1 August 1981. (Project 761825 - Continuation)

**\$8,100.00** - Ohio Wesleyan University, Delaware, Ohio, Assistance With Administration, Counseling, Programming and Training Services, Academic Faculties of Special Services and Educational Administration (R. F. Rodgers), 7 August 1980 through 6 June 1981. (Project 762344 - New)

**\$5,000.00** - WBNS-TV, Inc., Columbus, Ohio, Pilot Research Computer-Generated Animation, Department of Art Education (C. A. Csuri), 8 August 1980 through 1 September 1980. (Project 762356 - New)

**\$3,931.00** - University of Wyoming, Laramie, Wyoming, A Diagenetic Model for the Monterey Formation, Pismo Syncline, California, Department of Geology and Mineralogy (K. O. Stanley), 1 July 1980 through 30 September 1980. (Project 762376 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$3,620.00 - University of Cincinnati, College of Medicine, Cincinnati, Ohio, Planning, Development and Operation of an Area Health Education Center Program (AHEC), College of Medicine - Administration (M. Tzagournis and G. L. Trzebiatowski), 25 July 1980 through 29 September 1980. (Project 761923 - Continuation)

\$3,129.00 - J. W. Wilson and Associates, Inc., Washington, D. C., Technical Assistance Provided to Public Utilities Commission of Rhode Island, National Regulatory Research Institute (C. Mount-Campbell), 1 August 1980 through 31 August 1980. (Project 762342 - New)

\$1,000.00 - North Dakota State School of Science, Wahpeton, North Dakota, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1980 through 30 June 1981. (Project 761599 - Continuation)

\$640.00 - J. W. Wilson and Associates, Inc., Washington, D. C., Technical Assistance Provided to Public Utilities Commission of Rhode Island, National Regulatory Research Institute (C. Mount-Campbell), 1 August 1980 through 31 August 1980. (Project 762342 - Continuation)

\$600.00 - Pfizer Pharmaceuticals, Pfizer, Inc., New York, New York, Minizide<sup>®</sup> in the Treatment of Essential Hypertension, Department of Medicine (M. Tzagournis and T. G. Skillman), 1 September 1980 through 31 August 1981. (Project 761933 - Continuation)

\$600.00 - Women's Action Collective, Inc., Columbus, Ohio, Research Coordination for Rape Prevention, Department of Philosophy (R. G. Turnbull), 1 September 1980 through 31 December 1980. (Project 760643 - Continuation)

<b>TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS</b>	<b>\$ 957,756.00</b>
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**ENGINEERING EXPERIMENT STATION**

**State Sponsored Research and Development**

\$50,694.00 - State of Ohio, Department of Transportation, Columbus, Ohio, Guidelines for Left-Turn Treatments at Fully-Actuated Signal Controlled Intersections, Department of Civil Engineering, Transplex, August 1, 1980 through February 1, 1982. (EES 611/529091)



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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**ENGINEERING EXPERIMENT STATION (contd)**

**Industrial and Other Sponsored Research and Development**

\$90,000.00 - \$30,000.00 from each: Caterpillar Tractor Company, Peoria, Illinois; The Bishopric Products Company, Cincinnati, Ohio; and BATX Gard, Incorporated, Chicago, Illinois, The Center for Welding Research, Department of Welding Engineering, July 1, 1980 through June 30, 1981. (EES 610/529090)

\$62,295.00 - The Ohio State University Office of Physical Facilities, Columbus, Ohio, Study of Energy Conservation for University Buildings, Department of Mechanical Engineering, July 1, 1980 through June 30, 1981. (EES 468/529008, Extension 9)

\$14,104.00 - TAPCO International, Houston, Texas, Weldability of Special Steels by Submerged Arc Welding, Department of Welding Engineering, July 22, 1980 through July 21, 1981. (EES 612/529612)

\$12,000.00 - AISI, Washington, D. C., Experimental Determination of Combustibility, Department of Chemical Engineering, May 1, 1980 through April 30, 1981. (EES 309/529001, Extension 14)

\$115,222.00 - various industries sponsoring for 54 development projects under the direction of 10 engineering departments and research areas.

**TOTAL - INDUSTRIAL AND OTHER SPONSORED  
RESEARCH AND DEVELOPMENT**

**\$293,621.00**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

**Gifts of \$5,000 or More**

\$40,000.00 - Kaiser Aluminum and Chemical Corporation, Newark, Ohio--\$36,000.00 for Kaiser Aluminum Scholarship Program and \$4,000.00 for Affirmative Action Program in Engineering Fund.

\$36,763.00 - Burroughs Wellcome Co., Research Triangle Park, North Carolina, for Clinical Pharmacology Fund.

\$30,559.81 - Estate of Kimberly Lynn Garland, Zanesville, Ohio, for Presidents Club Special Fund.

\$16,433.00 - Pfizer, Inc., Groton, Connecticut--\$11,433.00 for Clinical Pharmacology Fund and \$5,000.00 for Infectious Disease Research Fund.

\$12,510.00 - Brubaker/Brandt, Inc., Columbus, Ohio, for Department of Architecture Fund.

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$12,000.00 - Anderson Clayton Foods, Richardson, Texas, for The Anderson Clayton Graduate Fund for Casein Research.

\$10,422.28 - University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

\$10,000.00 - The Worthington Steel Company, Worthington, Ohio, for Department of Athletics Discretionary Fund.

\$8,405.00 - J. Richard Emens, Columbus, Ohio--\$4,373.13 (part of 500 shares Wendy's International stock) (given in the names of J. Richard Emens and Mary Francis Emens) for Student Athlete Grant-in-Aid Fund; \$1,674.69 (part of 500 shares Wendy's International stock) (given in the name of Mary Francis Emens) for Dean's Education and Research Fund in Veterinary Medicine; \$1,674.68 (part of 500 shares Wendy's International stock) for Enrichment Campaign; \$341.25 (part of 500 shares Wendy's International stock) for College of Law Advancement Fund; \$170.63 (part of 500 shares Wendy's International stock) for College of Administrative Science Fund; and \$170.62 (part of 500 shares Wendy's International stock) for Friends of the Libraries.

\$8,000.00 - The Upjohn Company, Kalamazoo, Michigan, for Antibiotic Research Rotary.

\$7,650.00 - Phi Beta Psi Sorority, Cerritos, California, for Cancer Research Fund.

\$7,016.89 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

\$7,000.00 - Kibble Foundation, Gahanna, Ohio, for The Kibble Foundation Scholarship Fund.

\$6,688.00 - Dade Diagnostics, Inc., Aguada, Puerto Rico, for Department of Veterinary Clinical Sciences Blood Coagulation Research Fund.

\$6,600.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for Samuel J. Roessler Memorial Fund.

\$6,000.00 - AccuRay Corporation, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

\$6,000.00 - Anonymous Donor, for Humanities Support Fund.

\$6,000.00 - Kubota Ltd., Japan, for Kubota Ltd. Research Fund.

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## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Gifts of \$5,000 or More (contd)**

\$5,500.00 - The General Foods Fund, Inc., White Plains, New York, for The General Foods Fund Fellowship in Home Economics.

\$5,500.00 - The Procter & Gamble Company, Cincinnati, Ohio, for Procter and Gamble Company Fellowship in Chemistry.

\$5,000.00 - Mrs. Elizabeth Randall, Knoxville, Tennessee, for William J. McCaughey Fellowship in Mineralogy Fund.

\$5,000.00 - O. M. Scott and Sons Company, Marysville, Ohio, for 4-H Camp Clifton Improvement Fund.

\$5,000.00 - Trust Under the Will of Marjorie Sells Carter, Stamford, Connecticut, for Arthur H. Carter Scholarship Fund.

#### **Gifts-in-Kind**

\$180,000.00 - Tem-Cole, Inc., McClure, Ohio (given in the name of Larry L. Cole), Tissue Culture Laboratory.

\$21,808.00 - The Hobart Corporation, Troy, Ohio, kitchen equipment.

\$7,300.00 - Technicare Corporation, Cleveland, Ohio, 800 digital tape drive.

\$6,957.00 - Allis-Chalmers Implement Division, LaPorte, Indiana, Allis-Chalmers Planter.

#### **Establishment of Named Funds**

##### **The T. Kline Hamilton Award**

The T. Kline Hamilton Award was established October 3, 1980, by the Board of Trustees of The Ohio State University with a gift from the Columbus Division - Dairy and Nutrition Council (formerly Columbus Milk Council).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as the case dictates.

The annual income will be used to support graduate research related to the nutritional aspects of dairy products in the Department of Human Nutrition and Food Management. The award will be made by the director of the School of Home Economics based on the recommendations of The T. Kline Hamilton Award Committee.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with the preference being given to the appropriate administrative official of the University who is then directly responsible for the School of Home Economics.

October 3, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **The Loren F. Steiner Entomology Memorial Fund**

The Loren F. Steiner Entomology Memorial Fund was established October 3, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the family, friends and associates of Loren F. Steiner, B.S. Agr. '26, M.S. '27, and Honorary Doctor of Science Degree 1967.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduate students or fellowships to the graduate students who have demonstrated academic ability, need for financial assistance, and an interest in economic entomology. The selection of the recipient is to be made upon the recommendation of the Chairman, Department of Entomology, in cooperation with the Dean of the College of Biological Sciences.

Should the need for these scholarships and fellowships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for entomology education.

##### **The Richard B. Reese Memorial Scholarship Fund**

The Richard B. Reese Memorial Scholarship Fund was established October 3, 1980, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Ellen M. and Alexander M. Nick to honor the memory of their friend, Richard Baker Reese, B.S. '45, of Richwood, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduate or graduate students who are majoring in accounting and have demonstrated a need for financial assistance. Preference is to be given to students participating in the intercollegiate athletic program. The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee in cooperation with the Dean of the College of Administrative Science.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for accounting education.

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October 3, 1980 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECT/ENGINEER**

**HEALTH SCIENCES CENTER - ROAD CONSTRUCTION (Preliminary Study)**

Resolution No. 81-37

*Synopsis: Employment of engineer to conduct a study for the project, Health Sciences Center - Road Construction (Preliminary Study), is being proposed.*

WHEREAS the Health Sciences Center component of the Comprehensive Master Plan recommends that the principal entrance to the Health Sciences Center be developed from the west in order to relate access for the Center to the regional freeway system to reduce traffic congestion and also recommends several revisions to the interior traffic pattern of the Health Sciences Center in order to reduce congestion, simplify traffic flow, discourage short-cut traffic, increase pedestrian area and establish the principal circulation loop and other desired traffic patterns; and

WHEREAS it is proposed that a preliminary study be completed to contain various alternatives in graphic form indicating the most effective solution and efficient cost estimate to accomplish this road construction:

**NOW THEREFORE**

BE IT RESOLVED, That the firm of Eriksson Engineering, Ltd., of Columbus, Ohio, be employed to do this preliminary study and provide a report containing a plan for the most cost-effective construction plan and cost estimate to accomplish this improved access to the Health Sciences Center; and

BE IT FURTHER RESOLVED, That the fee for this service be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total cost estimate for this preliminary engineering study to be \$55,900.

Upon motion of Mr. Hilliker, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 81-38

*Synopsis: Contracts have been awarded for the projects enumerated below to the lowest and best bidders in accordance with University procedures.*

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Administration to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

October 3, 1980 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**VETERINARY HOSPITAL, RENOVATION OF  
WASTE MATERIAL HANDLING SYSTEM**

Description: Remodel and modify waste material handling in the veterinary hospital facility. These improvements will reduce maintenance costs, improve occupant environment and safety.

**General Contract**

Date Received:	July 30, 1980
No. of Bids:	6
Low Bid:	\$ 45,000.00* **
High Bid:	\$ 81,800.00
Estimate of Cost:	\$ 29,900.00
Awarded to:	RossLin Construction Co., Columbus, Ohio

**Equipment Contract**

Date Received:	July 30, 1980
No. of Bids:	4
Low Bid:	\$ 7,077.20
High Bid:	\$ 15,523.00** ***
Estimate of Cost:	\$ 12,200.00
Awarded to:	Union Landmark, Inc., Marysville, Ohio

\*The General Contract is recommended for award to the second lowest bidder. The day following the bid opening, the low bidder inquired if a decision had been made on awarding the project since he had left out the pre-cast work from his bid and could not accept a contract. He was advised that total bids exceeded the budget and could not be awarded without additional funds. It is the opinion that it would be in the best interest of The Ohio State University to award the General Contract to the second lowest bidder.

\*\*General and Equipment bids were in excess of the filed estimate of cost. However, the total price of all contracts is within 10 per cent of the total estimate of cost, and the contract, therefore, is being recommended for award as provided by section 153.12 of the Ohio Revised Code.

\*\*\*The Equipment Contract is recommended for award to the highest bidder. The bids submitted by the other bidders were rejected for failure of the contractors to submit a Bond in compliance with section 153.08 of the Ohio Revised Code.

October 3, 1980 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**VETERINARY HOSPITAL, RENOVATION OF  
WASTE MATERIAL HANDLING SYSTEM (contd)**

**Plumbing Contract**

Date Received:	July 30, 1980
No. of Bids:	2
Low Bid:	\$ 62,900.00****
High Bid:	\$ 64,500.00****
Estimate of Cost:	\$ 70,732.00****
Awarded to:	Farber Corporation, Columbus, Ohio

**Electrical Contract**

Date Received:	July 30, 1980
No. of Bids:	5
Low Bid:	\$ 17,300.00
High Bid:	\$ 29,843.00
Estimate of Cost:	\$ 24,500.00
Awarded to:	Demos Electric Company, Columbus, Ohio

**Total All Contracts:** \$140,723.00

**Total Contingency Allowance:** \$ 11,267.86 which is 8 per cent of construction contracts

**Total Project Cost:** \$169,003.00

**Funding:** Budget Account 882902

\*\*\*\*Recommended alternates reflected in these figures.

**HEALTH SCIENCES LIBRARY, ROOF REPAIRS**

**Description:** Install new roof due to deterioration and add insulation required to meet energy conservation measures.

October 3, 1980 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**HEALTH SCIENCES LIBRARY, ROOF REPAIRS (contd)**

**General Contract**

Date Received:	August 27, 1980
No. of Bids:	4
Low Bid:	\$ 62,800.00
High Bid:	\$ 74,639.00
Estimate of Cost:	\$ 67,000.00
Awarded to:	Bright, Inc., Columbus, Ohio

Total Contract: \$ 62,800.00

Total Contingency Allowance: \$ 4,572.80 which is 7.3 per cent of construction costs

Total Project Cost: \$ 69,000.00

Funding: Budget Account 210134 (Contract Repair)

**NOW THEREFORE**

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby reported.

Upon motion of Mr. Hilliker, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**COMMENTS ON JESSE OWENS MEMORIAL PLAZA**

**President Enarson's Statement:**

Mr. Chairman and Members of the Board, I now come to what clearly is the highlight of this meeting, and I trust is one of the highlight occasions any time in the history of this Board. It's a big weekend for all of us, and we have planned, to the best of our ability, to have a quality ceremony tomorrow at the game. We are pleased to have Mrs. Owens and her family with us and to have many of you with us for an event this evening, including the Governor. As all of us are aware, this is the Jesse Owens weekend, and I would like to take a moment to describe our plans as we move closer to paying tribute to one of the truly great athletes of any era.



October 3, 1980 meeting, Board of Trustees

### COMMENTS ON JESSE OWENS MEMORIAL PLAZA (contd)

#### President Enarson's Statement: (contd)

I think it's fair to say that Jesse Owens was an unusual person in many ways. His unique athletic abilities as a track and field star brought great recognition to this University and to the United States, but I think the important point is that his athletic accomplishments were not an end but rather a beginning--they provided the momentum--because he provided a sense of concern for people, and together it was a combination that was to carry him far beyond the athletic realm into the broader area of humanitarian service. Now it was for this service as well as his athletic achievements that Ohio State conferred upon him the honorary doctoral degree in 1972.

You will recall that in April, upon my recommendation, this Board approved naming the track in Ohio Stadium and the three University recreation centers in honor of Jesse Owens. At half-time at tomorrow's football game, we will dedicate these facilities to him. As I noted a moment ago, Mrs. Owens and the three Owens daughters and their families will be with us tomorrow, and they will be guests of honor tonight. They will be our honored guests at a pre-game luncheon, and they will join me on the field at half-time to take part in a very brief ceremony of dedication. That ceremony will be part of a spectacular band show that will be devoted entirely to Jesse Owens' life and accomplishments, and I really hope that ABC-TV will pick up the show for its audience because it will be something special. In addition, we have prepared a commemorative football program which features a cover portrait of Owens drawn by another famous OSU alumnus, Milt Caniff, and a special section will be devoted to pictures and material about Jesse Owens' life.

Obviously, this University is very proud of Jesse Owens and his accomplishments. He is held in great affection by this University and by people around the world, and we want our students and the thousands of visitors who will come here each year to know what he did and what he stood for, and that's why we're holding these ceremonies tomorrow. As each of you are aware, we have been at work now for some months developing a proposal for the Board's consideration for a Jesse Owens Plaza, and I would like now, if I may, Mr. Chairman and Members of the Board, to turn to Dr. Vandament to review this with you.

#### Dr. Vandament's Statement:

Thank you very much. A great many people have worked hard to develop the concept of the plaza, and I might add that it has been truly a labor of love. I would like to recognize, particularly, Mr. Roger Beal from the Office of Business and Administration and also Dr. Griffith from the Office of Campus Planning and Jean Hansford from Campus Planning for their work and development.

As you see, what we are proposing is a plaza that will extend from Stadium Drive southward to the north end of the stadium into the rotunda, ending in that rotunda area. You may recall that the stadium presently on the north side has an embankment that extends down about 150 to 200 feet, I believe, from the

October 3, 1980 meeting, Board of Trustees

### COMMENTS ON JESSE OWENS MEMORIAL PLAZA (contd)

Dr. Vandament's Statement: (contd)

rotunda. The proposed plaza will run approximately 450 feet or so up to the rotunda which will serve, then, as the backdrop for the plaza. The plaza itself, then, will be about 150 feet wide with a walkway area of approximately 45 to 50 feet. It will be necessary, therefore, to do grading and to level out the area from Stadium Drive into the rotunda and then to landscape the sides with the intent of keeping the plantings on either side of the walkway in human scale. We have in developing the plaza had consultations with representatives of the Owens family to discuss the matter of the theme and the scale of the plaza, and it has been their wish to keep things in human perspective so that it will be inviting for people to spend some time in contemplation. The rotunda itself, of course, will also need renovation and part of the project that we are proposing will consist of the cleaning and color restoration in the rotunda.

After the plaza itself is completed, there will be commemorative works of art in the plaza itself. At this point, we cannot state specifically the form or shape of those works of art, but we have again discussed themes with the family and have been seeking consultation from people in the arts and in design to come up with the most appropriate works. The plaza itself would be designed by our own architect's office and would be finished, we hope, by the autumn of next year if we move ahead now.

The commemorative works of art would be funded, hopefully, by a joint fund-raising effort on the part of the Jesse Owens Foundation and the University Development Fund, and we have had preliminary discussions with representatives of the Owens Foundation to establish plans for that activity. The works of art, therefore, would be added at some later date. I'll add now that we have both this artist's rendering of the plaza and we have also a three-dimensional model of the plaza which will be on display in the University in the coming months. Thank you.

President Enarson:

We do have a recommendation in your books. It is under the tab, Reports. I think I might read it since it is very brief:

### JESSE OWENS MEMORIAL PLAZA

Resolution No. 81-39

*Synopsis: Acceptance of the Administration's proposal for Jesse Owens Memorial Plaza.*

WHEREAS the Board of Trustees on April 4, 1980, adopted a resolution recommending that certain facilities be named in memory of Jesse Owens; and

WHEREAS the University wishes further to perpetuate the ideals and accomplishments of Jesse Owens:

October 3, 1980 meeting, Board of Trustees

### **JESSE OWENS MEMORIAL PLAZA (contd)**

#### **NOW THEREFORE**

**BE IT RESOLVED**, That the Board of Trustees endorses the preparation of plans for the construction of a memorial plaza to honor the achievements of Jesse Owens, an alumnus of The Ohio State University as presented by the President and his staff; and

**BE IT FURTHER RESOLVED**, That the architectural mock-up be accepted as presented and further actions relating to the design and construction of this memorial plaza be reported at future meetings.

Upon motion of Mrs. James, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

### **PLANS FOR JESSE OWENS MEMORIAL RECOGNITION**

At the April meeting, the Board of Trustees approved President Enarson's recommendations that a track in Ohio Stadium and the three University Recreation Centers be named in honor of the late Jesse Owens.

Mr. Owens' achievements as an Ohio State and Olympic track and field star and his humanitarian services and work with youth brought him world recognition. In 1972, Ohio State conferred upon him the honorary Doctor of Athletic Arts degree. He was one of this University's most illustrious sons.

To honor the Owens family and to dedicate those facilities named for Jesse Owens, the following activities have been planned for October 3 and 4:

On Friday, October 3, Mrs. Jesse Owens, the Owens' three daughters and their families will be guests of honor at a dinner in the Fawcett Center. This private occasion--a kind of "family reunion" for the Ohio State and Owens families--will pay tribute to Jesse Owens and his family.

Saturday morning, October 4, a painting of Jesse Owens will be presented to the University by the Miller Brewing Company. President Enarson will receive the painting, with Mrs. Owens attending the presentation.

The Owens family will attend the pre-game luncheon. On display will be an exhibit of photographs of Jesse Owens. The family will be guests of President and Mrs. Enarson for the OSU-UCLA football game.

A special commemorative football program has been prepared, with a cover portrait of Jesse Owens by Milton Caniff. The entire halftime show by the Marching Band will pay tribute to Jesse Owens.

During brief ceremonies at halftime, President Enarson, with the participation of Mrs. Owens and the family, will dedicate formally the Jesse Owens Track and the Jesse Owens Recreation Centers. Appropriate commemorative plaques and signs have been prepared.

October 3, 1980 meeting, Board of Trustees

## **PLANS FOR JESSE OWENS MEMORIAL RECOGNITION (contd)**

### *Ongoing Activities*

Plans have been prepared for the development of a proposed Jesse Owens Plaza at the north end of the Stadium. The Plaza would extend from the rotunda of the Stadium to Stadium Drive. Its development would involve landscaping and some re-working of the area. A model and an architect's rendering have been prepared to help visualize the project.

The focal point of the Plaza would be a statue or other work of art that would commemorate Jesse Owens and his achievements as an athlete and humanitarian. It is expected that it may be necessary to seek private funds for the statue or work of art.

Interestingly, the original design of Ohio Stadium calls for a Plaza in the area now proposed. Such a Plaza, in honor of Jesse Owens, will enhance the beauty of the area. It will become a focal point of interest for the hundreds of thousands of persons who visit that part of the campus each year for commencements, athletics, and other events. Most significantly, it will serve as a source of inspiration for future generations of students.

The University has also expressed its interest to the Owens family in serving as the repository for Jesse Owens' papers and his athletic and other memorabilia. Such materials could form the core of a "Jesse Owens Collection" that would be a valuable resource to students and scholars and for display purposes.

Finally, representatives of the Owens family have had preliminary conversations with University officials about possible future projects in which the University might participate, some of which might involve fund-raising.

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## **REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO**

Resolution No. 81-40

RESOLVED, That the report on the University's Investment Portfolio, dated September 19, 1980, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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The meeting recessed into Executive Session for the purpose of considering legal issues.

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The Board reconvened in regular session and thereupon adjourned to meet Friday, November 7, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott  
Secretary

Chester Devenow  
Chairman

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND SIXTY-SECOND MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, November 7, 1980

The Board of Trustees met at its regular monthly meeting on Friday, November 7, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Chester Devenow, Chairman, Patricia D. James, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, and Leonard J. Immke.

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Minutes of the last meeting were approved.

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November 7, 1980 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM

Resolution No. 81-41

*Synopsis: Resolutions honoring the service of three of this University's faculty members who have recently died are being proposed.*

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

George A. Davis

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 29, 1980, of George A. Davis, Associate Professor in the Department of Black Studies.

Professor Davis was born in Gadsden, Alabama, on August 30, 1933. He began his professional career at Kentucky State University where he earned the B.A. degree in 1957. He earned M.A. and Ph.D. degrees at The Ohio State University in 1964 and 1972 respectively. From 1960-1967 Dr. Davis served as a social studies teacher in the Columbus Public Schools. In 1967 he accepted an appointment as a visiting lecturer and special projects coordinator at the University of Colorado. He joined the staff of Ball State University in 1968 as assistant professor of geography and director of special programs in the office of student affairs. From 1969-1970 Dr. Davis served as associate director of the Commission on Geography and the Afro-American at the University of Michigan. Dr. Davis joined the staff of the Black Studies Department in 1971 as an administrative associate. In 1972 he was promoted to the rank of assistant professor and appointed to the position of executive assistant for departmental affairs. He achieved the rank of associate professor in 1974.

Specializing in the area of urban geography, Dr. Davis was the author of a number of scholarly works in his field, including *Blacks in the United States: A Geographic Perspective*; and "Geography, Social Action and the Black Community," published in 1972 in the volume, *Teaching About the City*. As executive assistant in the Black Studies Department, Dr. Davis was instrumental in the writing of numerous successful proposals to outside funding agencies. He was also one of the chief architects of the department's undergraduate and graduate major programs.

Dr. Davis was a member of Association of American Geographers, Association of Social and Behavioral Scientists, Association for the Study of Afro-American Life and History, National Council for Geographic Education, Kentucky State University Alumni Association, and Omega Psi Phi Fraternity.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.



November 7, 1980 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

John A. Miller

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 11, 1980, of Dr. John A. Miller, Professor Emeritus in the Department of Zoology, College of Biological Sciences.

Dr. Miller was born in 1905, and upon the completion of his undergraduate degree at Ashland College in 1926, he obtained his first appointment as a Graduate Assistant at The Ohio State University in October, 1926. He completed his advanced degree work at The Ohio State University, receiving the M.S. degree in 1927 and Ph.D. degree in 1932. He was appointed as Instructor in 1929, Assistant Professor in 1933, Associate Professor in 1942 and Professor in 1946.

Dr. Miller's title might have changed, but he never ceased being a very dedicated and enthusiastic instructor to increasing numbers of students in introductory zoology for nearly 12 years. He responded to these teaching assignments in introductory zoology and behavior in a very cooperative, dependable and enthusiastic manner. Dr. Miller devoted considerable effort to the preparation of study guides and laboratory manuals in order that students could improve their understanding of the underlying principles of zoology.

Research was an integral part of his academic efforts, and he published papers related to neuro-muscular mechanisms in behavior, new methods in neurological microtechniques and contributed papers on the systematics, physiology and behavior of leeches.

Following his retirement from The Ohio State University in 1963, he served in an administrative capacity at several other institutions, most recently as Dean of Academic Affairs at his alma mater, Ashland College.

On behalf of the University Community, the Board of Trustees expresses to the family its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere expression of the Board's realization of the loss which the family and The Ohio State University have sustained.

Francis P. Weisenburger

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 23, 1980, of Francis P. Weisenburger, Professor Emeritus in the Department of History.

Francis Phelps Weisenburger was born in Defiance, Ohio, on October 31, 1900. After graduating from Defiance High School in 1918, he attended the University of Michigan where he received a B.A. degree in 1922, M.A. degree in 1923, and Ph.D. degree in 1929. He joined the faculty of Ohio State University in 1924 as an instructor and advanced through the ranks of assistant professor, associate professor, to professor of history in 1946. During forty-seven years of service at Ohio State University he taught Ohio history; history of the United States, 1865-1900; and immigrant groups in America and directed numerous doctoral dissertations and masters' theses in American history. After retiring from the classroom in 1971, he was appointed University historian and prepared a history of the University during the presidency of Novice Fawcett.

November 7, 1980 meeting, Board of Trustees

### RESOLUTIONS IN MEMORIAM (contd)

Francis P. Weisenburger (contd)

Dr. Weisenburger wrote seven books, many scholarly articles, and contributed to the *Dictionary of American Biography*, *Dictionary of American History*, and *Atlas of American History*. His best-known works were *The History of Ohio* which he wrote in collaboration with Eugene H. Roseboom, *The Passing of the Frontier*, and *Ordeal of Faith*. He was president of the Ohio Academy of History and a member of the editorial board and executive committee of the Mississippi Valley Historical Association, an honorary life member of the Ohio Historical Society, and recipient of the Distinguished Service Award of the Ohio Academy of History, and the Ohioana Citation of the Martha Kinney Cooper Ohioana Library. The Department of History recognized his geniality and hospitality by naming the faculty lounge in Dulles Hall in his honor. In August 1980 The Ohio State University presented him with a Distinguished Service Award to commemorate more than half a century of dedicated teaching and research at this institution.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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### BUDGET SUMMARY (FOURTH QUARTER, 1979-80)

Resolution No. 81-42

*Synopsis: The fourth quarter summary report of the current funds budget is presented for review.*

WHEREAS the fourth quarter report of the current funds budget for fiscal year ending June 30, 1980 is presented for review; and

WHEREAS it is noted that the actual budget/expenditures and income do not represent significant changes from those presented for the third quarter; i.e, the income varies from the third quarter estimates by 0.8 per cent and the budget expenditure figures by 0.4 per cent from the third quarter budget due primarily to changes in activity of earnings and sponsored programs; and

WHEREAS for the Columbus campus the variations were also less than one per cent for both income and budgeted expenditures; and

WHEREAS the differences between budget/expenditures and income totals, due primarily to planned restoration of balances, and capital expenditure replacements were less than 0.8 per cent:

November 7, 1980 meeting, Board of Trustees

**BUDGET SUMMARY (FOURTH QUARTER, 1979-80) (contd)**

NOW THEREFORE

BE IT RESOLVED, That the budget report for the fourth quarter, including transfers to plant funds and to endowment principal processed for the fiscal year ending June 30, 1980, be accepted.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

**THE OHIO STATE UNIVERSITY  
1979-80 CURRENT FUNDS BUDGET  
ACTUAL EXPENDITURES FOR 1979-80  
(IN THOUSANDS)**

	Revised Budget June 12, 1980	Actual Expenditures/ Commitments
<b>Columbus Campus</b>		
<b>Instruction and General</b>		
Departmental Instruction and Research	\$166,565	\$165,197
Libraries	10,571	10,415
Other Academic Support	4,112	4,226
Sponsored Programs Administration	3,172	3,065
Student Services	9,608	9,318
Plant Operation	27,773	25,894
Institutional Support	17,718	18,508
Total Instruction and General	\$239,519	\$236,623
<b>Sponsored Research</b>		
Research Foundation	\$ 36,596	\$ 37,042
Engineering Experiment Station	1,731	1,940
University Sponsored Programs	1,069	1,213
Other	2,553	2,382
Total Sponsored Research	\$ 41,949	\$ 42,577
<b>Public Service</b>		
University Hospitals	\$ 87,313	\$ 89,833
Cooperative Extension Service	21,062	21,318
University Sponsored Programs	3,219	3,494
Other	16,300	15,899
Conferences	3,200	3,354
Total Public Service	\$131,094	\$133,898

November 7, 1980 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
1979-80 CURRENT FUNDS BUDGET  
ACTUAL EXPENDITURES FOR 1979-80  
(IN THOUSANDS) (contd)

	Revised Budget June 12, 1980	Actual Expenditures/ Commitments
Columbus Campus (contd)		
Student Aid	\$ 6,304	\$ 6,323
Auxiliaries		
Student Housing	\$ 22,255	\$ 22,126
Intercollegiate Athletics	10,934	11,159
University Bookstores	5,574	5,934
Student Health Service	2,614	2,646
Student Unions	2,860	3,042
Parking Facilities	2,912	2,553
University Airport	2,274	2,619
Fawcett Center for Tomorrow	1,590	1,677
Other	701	916
Total Auxiliaries	\$ 51,714	\$ 52,672
TOTAL COLUMBUS CAMPUS	\$470,580	\$472,093
Regional Campuses		
Administration	\$ 196	\$ 160
Lima Campus	2,460	2,417
Mansfield Campus	2,458	2,537
Marion Campus	1,473	1,463
Newark Campus	2,013	2,124
Agricultural Technical Institute	2,735	2,766
Wright-Patterson Graduate Center	85	95
TOTAL REGIONAL CAMPUSES	\$ 11,420	\$ 11,562
TOTAL ALL CAMPUSES	\$482,000	\$483,655
Construction and Renovation Projects	\$ 2,607	\$ 3,003
Endowment Income to Principal	-0-	\$ 832
GRAND TOTAL	\$484,607	\$487,490

November 7, 1980 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
1979-80 CURRENT FUNDS BUDGET  
SOURCES OF INCOME TO SUPPORT 1979-80 COMMITMENTS  
(IN THOUSANDS)

	Estimated Income June 12, 1980	Actual Income 1979-80
<b>Columbus Campus</b>		
Government Appropriations		
State of Ohio	\$162,381	\$162,858
Federal	60,482	60,912
Other	6,775	6,846
Subtotal	\$229,638	\$230,616
Student Fees		
Instruction and General	\$ 63,025	\$ 64,274
Room and Board	18,700	18,917
Other	3,570	3,568
Subtotal	\$ 85,295	\$ 86,759
Other Income		
Auxiliary Sales and Charges	\$108,581	\$110,290
Department and University Services	16,450	17,169
Endowment Income	4,272	4,463
Gifts and Grants	18,723	16,979
Temporary Investments	11,000	11,434
Subtotal	\$159,026	\$160,335
TOTAL COLUMBUS CAMPUS	\$473,959	\$477,710
<b>Regional Campuses</b>		
Lima Campus	\$ 2,790	\$ 2,826
Mansfield Campus	2,906	2,939
Marion Campus	1,765	1,706
Newark Campus	2,493	2,491
Agricultural Technical Institute	3,085	3,240
Wright-Patterson Graduate Center	85	95
TOTAL REGIONAL CAMPUSES	\$ 13,124	\$ 13,297
GRAND TOTAL	\$487,083	\$491,007

November 7, 1980 meeting, Board of Trustees

**TRANSFERS TO PLANT FUNDS - FISCAL YEAR 1979-80**

Account Description	Account Number	Transferred from Account Number	Amount
<b>Unexpended Plant Funds</b>			
University Activities Center	082005	032851	\$ (12,368.73)
Traffic Improvements	082012	010000	(686.04)
Eleventh Avenue Ramp	082014	016007	(830,000.00)
Ninth Avenue Ramp	082029	016007	(30,000.00)
Traffic Signals	082030	016007	25,000.00
Newark Campus - Phase III	082031	010971	(3,360.45)
Finley Farm - Horse Barn	082033	011020	1,300.00
		011052	11,000.00
		011058	2,400.00
		033717	5,000.00
Veterinary Medicine - Fixed Equipment	082034	010000	1,508.00
Lima Campus - Metal Building	082035	010928	11,406.00
University Airport - Hangar 4 Addition	082036	016014	135,253.00
Weigel Hall	082037	010000	527,685.91
Zoology - Storage Building	082038	059279	2,800.00
Cancer Center	082039	010000	40,065.00
Agronomy, Natural Resources, and			
Plant Pathology Building	082043	010000	99,204.29
Animal Science - Beef Barn	082044	011082	5,270.00
		050404	27,280.00
Bulk Chemical Warehouse	082046	010000	665,000.00
Total Unexpended Plant Funds			\$ 683,756.98
<b>Renewals and Replacements - Remodeling and Renovation</b>			
Dormitory Contingency Fund	085049	017200	\$ 818,354.00
Page and Hagerty Halls	085059	011520	(6,451.63)
Public Safety Building	085067	016007	4,226.00
Parking Lot Repairs	085071	016007	175,000.00
Computer Design Lab	085072	010000	7,325.50
Wiseman Hall	085077	010000	2,500.00
Hagerty Hall	085084	059282	7,855.00
Sisson Hall	085087	010000	413.68
Newark Parking Lots	085091	010971	(2,049.00)
Pole Barn Repair	085094	011052	(2,479.00)
Stadium Turf Replacement	085099	016019	468,005.22
Sullivant Hall	085101	010000	96,086.00
Lord Hall	085102	010000	30,860.00
McPherson Chemical Lab	085103	010000	26,200.00
Arena - Steam Line	085104	010000	15,610.00
Hospital Modernization	085105	019000	75,000.00
St. John Arena - Lockers	085106	016019	45,943.90

November 7, 1980 meeting, Board of Trustees

**TRANSFERS TO PLANT FUNDS - FISCAL YEAR 1979-80 (contd)**

Account Description	Account Number	Transferred from Account Number	Amount
<b>Renewals and Replacements - Remodeling and Renovation (contd)</b>			
Parks Hall	085107	010000	\$ 28,124.00
		059154	4,650.00
Dentistry Labs	085108	010000	71,420.22
Baker Systems Engineering Building	085109	010000	61,070.00
Smith Lab	085110	010000	60,277.00
McPherson Chemical Lab	085111	010000	59,579.00
Mershon Auditorium Stage	085112	010000	58,320.00
Foundry Glass Building	085113	010000	30,615.00
IRCC-CIS Computer Lab	085114	010000	42,470.00
Golf Course Dam	085115	016019	68,786.11
Orton Hall	085117	010000	60,000.00
Converse Hall - Archives	085118	010000	86,925.00
Mershon Garage	085119	016007	350,000.00
Ohio Union and Arps Parking Ramps	085120	016007	230,000.00
Lincoln Tower	085121	010000	44,500.00
Hagerty Hall	085122	011520	12,807.00
		010000	18,000.00
Galvin Hall	085123	010928	27,755.00
Fawcett Center - Food Service	085124	010000	100,000.00
Faculty Club - Improvements	085125	010000	44,000.00
Ohio Stadium - Research Space	085126	010000	280,000.00
Converse Hall - Improvements	085127	024919	165,850.00
U. S. Department of Energy - Technical Assistance Projects (Matching)	085128	014002	2,140.00
		014004	2,759.00
Mendenhall Laboratory	085130	010000	34,631.00
Law Building	085131	010000	34,053.00
Page Hall	085133	057013	82,180.00
<b>Total Renewals and Replacements - Remodeling and Renovation</b>			<b>\$3,823,311.00</b>
<b>Reserves - Repairs and Replacements</b>			
Business and Administration	086905	010000	\$ 3,104.19
University Systems	086906	010000	14,650.50
Business Management	086907	010000	9,000.00
University Treasurer	086908	010000	(4,100.00)
Physical Facilities	086909	010000	97,802.16
Police	086910	010000	(50,367.00)
Food Facility	086912	014100	14,500.00
Stores	086913	014100	32,300.00
Printing Facility	086916	014002	106,000.00

November 7, 1980 meeting, Board of Trustees

**TRANSFERS TO PLANT FUNDS - FISCAL YEAR 1979-80 (contd)**

Account Description	Account Number	Transferred from Account Number	Amount
Reserves - Repairs and Replacements (contd)			
Bookstore	086918	016003	\$ 11,000.00
Physical Facilities - Improvements	086920	010000	10,733.54
		014010	60,000.00
		014011	70,000.00
		014110	80,897.52
University Airport	086921	011541	11,467.80
		016014	98,395.95
Meats Laboratory	086922	011072	19,000.00
Fire Safety	086923	010134	13,000.00
Housing Commission No. 2	086925	016102	6,500.00
University Properties	086026	016300	16,530.00
Endowment Properties	086927	016350	20,000.00
North Campus Apartments	086928	016390	500.00
Property Management	086929	016015	1,500.00
University Properties - Improvements	086930	016300	12,000.00
Endowment Properties - Improvements	086931	016300	6,343.00
		016390	2,000.00
North Campus Apartments - Improvements	086932	016390	7,000.00
Housing Commission No. 1 - Improvements	086933	016101	6,000.00
Housing Commission No. 2 - Improvements	086934	016102	2,500.00
Bookstore - Improvements	086937	014100	36,625.00
Telecommunications	086938	011064	(40,000.00)
ATI - Food Service	086941	010889	(2,770.00)
Internal Auditing	086944	010000	1,119.40
Accounting	086953	010000	1,126.00
Accounts Payable	086954	010000	325.00
Inventory	086955	010000	3,324.00
Laundry - Improvements	086956	014004	9,000.00
Printing Facility - Improvements	086957	014002	34,500.00
Geology	086960	010000	15,120.00
		010111	21,567.00
Dentistry	086961	010000	250,000.00
Stadium Turf	086962	016019	150,000.00
University Hospitals - Capital Equipment	086995	019000	2,469,000.00
Resident and Dining Halls	086997	017200	230,100.00
		017300	69,900.00
Equipment Reserve - Matching	086999	010000	1,500,000.00
Total Reserves - Repairs and Replacements			\$5,427,194.06
Total Transfers to Plant Funds			\$9,934,262.04



November 7, 1980 meeting, Board of Trustees

**TRANSFERS TO PLANT FUNDS - FISCAL YEAR 1979-80 (contd)**

**RECAP**

	Account Range	Amount
Current General	010000	\$4,477,594.35
Current General - Regional Campuses	0109xx	30,981.55
Current General - Department Earnings	011xxx	48,881.17
Current General - Service Accounts	014xxx	448,721.52
Auxiliary Enterprises	016xxx	982,483.18
Residence and Dining Halls	017xxx	1,118,354.00
Hospital	019000	2,544,000.00
Current Restricted - Endowment	02xxxx	165,850.00
Current Restricted - Development Fund	03xxxx	(7,368.73)
Current Restricted - Other	05xxxx	124,765.00
<b>Total</b>		<b>\$9,934,262.04</b>
Current Unrestricted - E & G		\$5,006,178.59
Current Unrestricted - Auxiliaries		2,100,837.18
Current Unrestricted - Hospital		2,544,000.00
Current Restricted Funds		283,246.27
<b>Total Transfers to Plant Funds</b>		<b>\$9,934,262.04</b>

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**BUDGET SUMMARY (FIRST QUARTER, 1980-81)**

Resolution No. 81-43

*Synopsis: The first quarter budget summary, 1980-81, is presented for review and acceptance.*

This budget summary for the first quarter 1980-81 contains revised estimates of resource and expenditure/commitment projections as actual data have become available. Changes to the July, 1980 budget have been made to the unrestricted fund estimates of Columbus Campus income representing revised projections of indirect overhead income and a slight increase in Summer Quarter student fee income. Revisions to restricted funds net to a \$600,000 increase represent redistributions and reclassifications of grant and contract activity. Revisions to earnings operations income and expense reflect a new food service activity for Student Housing, changes in activity levels at the University Airport, and Property Management. Unrestricted commitments are not planned to increase at this time.

WHEREAS the first quarter report of the 1980-81 current funds budget covering the period July through September 1980 is presented for review by the Board of Trustees and its income expense estimates deviate by less than one-half of 1 percent from the 1980-81 budget approved by the Board in July, 1980; and

November 7, 1980 meeting, Board of Trustees

**BUDGET SUMMARY (FIRST QUARTER, 1980-81) (contd)**

WHEREAS the projected expenditures and commitments of the first quarter report for 1980-81 are supported by adequate income:

NOW THEREFORE

BE IT RESOLVED, That the accompanying first quarter budget report be accepted.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

**THE OHIO STATE UNIVERSITY  
1980-81 CURRENT FUNDS BUDGET  
BUDGETED EXPENDITURES FOR 1980-81  
(IN THOUSANDS)**

	Revised Budget July 11, 1980	Proposed Revised Budget
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$174,967	\$174,267
Libraries	10,984	10,984
Other Academic Support	3,743	3,849
Sponsored Programs Administration	6,307	6,307
Student Services	9,888	9,877
Plant Operation	28,660	28,360
Institutional Support	19,575	19,780
Total Instruction and General	\$254,124	\$253,424
Sponsored Research		
Federally Sponsored Programs	\$ 35,980	\$ 36,730
Other Externally Sponsored Programs	10,431	10,481
Internally Sponsored Programs	511	511
Total Sponsored Research	\$ 46,922	\$ 47,722
Public Service		
University Hospitals	\$100,182	\$100,182
Cooperative Extension Service	22,044	22,144
Externally Sponsored Programs	16,062	16,162
Internally Sponsored Programs	5,572	5,572
Total Public Service	\$143,860	\$144,060

November 7, 1980 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
1980-81 CURRENT FUNDS BUDGET  
BUDGETED EXPENDITURES FOR 1980-81  
(IN THOUSANDS) (contd)

	Revised Budget July 11, 1980	Proposed Revised Budget
Columbus Campus (contd)		
Student Aid	\$ 7,019	\$ 7,019
Auxiliaries		
Student Housing	\$ 24,502	\$ 24,761
Intercollegiate Athletics	10,326	10,326
University Bookstores	6,119	6,119
Student Health Service	2,925	2,925
Student Unions	2,885	2,885
Parking Facilities	3,247	3,247
University Airport	2,567	2,917
Fawcett Center for Tomorrow	1,767	1,767
Other	886	751
Total Auxiliaries	\$ 55,224	\$ 55,698
TOTAL COLUMBUS CAMPUS	\$507,149	\$507,923
Regional Campuses		
Administration	\$ 197	\$ 197
Lima Campus	2,700	2,710
Mansfield Campus	2,700	2,730
Marion Campus	1,554	1,564
Newark Campus	2,222	2,252
Agricultural Technical Institute	2,910	2,950
Wright-Patterson Graduate Center	100	100
TOTAL REGIONAL CAMPUSES	\$ 12,383	\$ 12,503
GRAND TOTAL	\$519,532	\$520,426

November 7, 1980 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
1980-81 CURRENT FUNDS BUDGET  
SOURCES OF INCOME TO SUPPORT 1980-81 BUDGET  
(IN THOUSANDS)

	Revised Estimate July 11, 1980	Proposed Revised Estimate
Columbus Campus		
Government Appropriations		
State of Ohio	\$168,789	\$169,489
Federal	67,671	68,386
Other	8,312	8,362
Subtotal	\$244,772	\$246,237
Student Fees		
Instruction and General	\$ 68,590	\$ 68,760
Room and Board	19,900	20,050
Other	3,997	3,997
Subtotal	\$ 92,487	\$ 92,807
Other Income		
Auxiliary Sales and Charges	\$121,751	\$122,119
Department and University Services	15,374	15,074
Endowment Income	4,782	4,782
Gifts and Grants	20,553	20,153
Temporary Investments	7,500	7,500
Subtotal	\$169,960	\$169,628
TOTAL COLUMBUS CAMPUS	\$507,219	\$508,672
Regional Campuses		
Lima Campus	\$ 3,028	\$ 3,038
Mansfield Campus	3,104	3,134
Marion Campus	1,819	1,829
Newark Campus	2,636	2,666
Agricultural Technical Institute	3,194	3,234
Wright-Patterson Graduate Center	100	100
TOTAL REGIONAL CAMPUSES	\$ 13,881	\$ 14,001
GRAND TOTAL	\$521,100	\$522,673

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November 7, 1980 meeting, Board of Trustees

**HONORARY DEGREE**

Resolution No. 81-44

*Synopsis: Approval is requested for awarding an honorary degree.*

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-57 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of the honorary degree as listed below:

J. W. Peltason

Doctor of Humane Letters

NOW THEREFORE

BE IT RESOLVED, That the above honorary degree be awarded in accordance with the recommendation at a time convenient to the University and the recipient.

Upon motion of Mrs. James, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**AMENDMENT TO UNIVERSITY HOSPITALS BOARD BYLAWS**

Resolution No. 81-45

*Synopsis: Amendment to University Hospitals Board Bylaws is proposed.*

WHEREAS pursuant to rule 3335-103-01 of the Administrative Code, the Board of Trustees is authorized to amend the University Hospitals Board Bylaws; and

WHEREAS an amendment to paragraph (B) of rule 3335-97-05 of the Administrative Code was approved unanimously at the University Hospitals Board meeting on September 25, 1980 for submission to the Board of Trustees; and

WHEREAS the composition of the hospital facilities committee will add the chief of medical staff or designee to the committee:

NOW THEREFORE

BE IT RESOLVED, That rule 3335-97-05 as recommended by the University Hospitals Board be approved as it is printed below with the chief of medical staff being added to the committee.

3335-97-05 Hospital facilities committee.

- (A) Purpose. The committee shall monitor the condition of the hospitals facilities and shall have the responsibility for planning and recommending additions, alterations, repair, and maintenance.

November 7, 1980 meeting, Board of Trustees

**AMENDMENT TO UNIVERSITY HOSPITALS BOARD BYLAWS (contd)**

- (B) Composition. The committee shall consist of four board members, appointed annually by the chairman of the board, one of whom shall serve as chairman of the committee; the Ohio state university vice president for health sciences or designee; the Ohio state university vice president for finance and planning or designee; the Ohio state university vice president for business and administration or designee; the medical director of the hospitals or designee; and the chief of medical staff or designee.
- (C) Meetings. The committee shall meet at the call of the chairman as often as is necessary to perform its duties.

Upon motion of Mrs. James, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**DEGREES AND CERTIFICATES - AUTUMN QUARTER COMMENCEMENT**

Resolution No. 81-46

*Synopsis: Approval is being requested for awarding degrees and certificates for Autumn Quarter Commencement.*

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit the names of persons who have completed degree and certificate requirements in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on December 12, 1980, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Mrs. James, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**AMENDMENT TO RULE 3335-3-12 VICE PRESIDENT FOR HEALTH SCIENCES**

Resolution No. 81-47

*Synopsis: Amendment to rule 3335-3-12 is being proposed.*

November 7, 1980 meeting, Board of Trustees

**AMENDMENT TO RULE 3335-3-12 VICE PRESIDENT FOR HEALTH SCIENCES (contd)**

WHEREAS the Board of Trustees pursuant to rule 3335-15-03 is authorized to amend the *Rules of the University Faculty*; and

WHEREAS it is proposed that rule 3335-3-12 (Vice President for Health Sciences) be amended to add additional principal administrative officials in the Office of Health Sciences:

NOW THEREFORE

BE IT RESOLVED, That paragraph (C) of rule 3335-3-12 be amended to add additional principal administrative officials to those presently enumerated in that rule.

3335-3-12 Vice president for health sciences.

- (C) The principal administrative officials in the office of health sciences shall be the deans of dentistry, medicine, optometry, pharmacy, and veterinary medicine; the chief administrators of university hospitals and the veterinary hospital; associate vice president and/or assistant vice presidents; and such other associates as may be authorized from time to time. (B/T 7/12/74, B/T 4/6/79, B/T 11/7/80)

Mr. Havens:

Does this have anything to do with our hospitals board--do they have anything to say about this or be advised of it, or it's got nothing to do with that?

President Enarson:

Two points, Mr. Havens. One, as I recall, this matter of the internal organization was touched on lightly by Vice President Cramblett at the meeting of the hospitals board. They were not asked, as I understand, to react to it. And the second point would be that the internal configuration, including staffing, salaries, etc., is the exclusive concern of this Board.

Mr. Havens: O.K., thank you.

Upon motion of Mrs. James, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**DISTINGUISHED SERVICE AWARDS**

Resolution No. 81-48

*Synopsis: Recommendation for four individuals to receive Distinguished Service Awards is proposed.*

November 7, 1980 meeting, Board of Trustees

#### **DISTINGUISHED SERVICE AWARDS (contd)**

WHEREAS the President's Staff, serving as a Committee on Distinguished Service Awards, has nominated and recommended four individuals for approval by the Board of Trustees to receive the Distinguished Service Award at a time convenient to the University and the recipient:

Camille Joseph DeLor  
John D. Drinko  
Richard P. Goldthwait  
T. Scott Sutton

and

WHEREAS these awards are given in recognition of distinguished service to The Ohio State University and the awards are in accordance with action taken by the Board of Trustees in 1952:

NOW THEREFORE

BE IT RESOLVED, That the Distinguished Service Awards be approved for awarding as designated above.

Upon motion of Mrs. James, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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#### **PERSONNEL ACTIONS**

Resolution No. 81-49

*Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Reappointment of Principal Administrative Official, Medical Staff Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Title are recommended for approval.*

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the October 3, 1980 meeting of the Board, including the following Reappointment of Principal Administrative Official, Medical Staff Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Title as detailed in the University Budget for 1980-81, be approved.

Reappointment of Principal Administrative Official

Donald D. Glower, Dean of the College of Engineering, effective November 5, 1980, pursuant to rule 3335-3-17 of the Administrative Code.



November 7, 1980 meeting, Board of Trustees

# PERSONNEL ACTIONS (contd)

## Medical Staff Appointments

Effective August 13, 1980

Name	Appointment	Clinical Division
Donald W. Knox, M.D.	Transfer from Limited to Courtesy Staff in Dermatology	Medicine
James M. Parker, M.D.	Transfer from Limited to Courtesy Staff in Neurology	Medicine
Don L. Bremer, M.D.	Attending Staff	Ophthalmology
Patricia R. Forman, M.D.	Limited Staff in General Psychiatry	Psychiatry
Allen F. Browne, M.D.	Limited Staff in Pediatric Surgery	Surgery
M. Terry McEnany, M.D.	Attending Staff (Chief of Thoracic Surgery Department)	Surgery

Effective September 10, 1980

Donald Woodard, M.D.	Limited Staff	Family Medicine
Kevin C. Strait, M.D.	Limited Staff	Family Medicine
Mao-Hsiung Chen, M.D.	Courtesy Staff in Cardiology	Medicine
Terrance A. Castor, M.D.	Courtesy Staff in Endocrinology and Metabolism	Medicine
James E. Hart, M.D.	Courtesy Staff	Pathology
Patricia E. Wongsam-Hussein, M.D.	Attending Staff	Physical Medicine
Susan Lee Hubbell, M.D.	Attending Staff	Physical Medicine
William David Leak, M.D.	Courtesy Staff	Preventive Medicine (Emergency Medicine)

Effective October 8, 1980

Julia D. Weinerman, M.D.	Attending Staff	Physical Medicine and Rehabilitation
Jean Francois Spiro, M.D.	Limited Staff in Diagnostic Radiology	Radiology
Abner Bagenstose, M.D.	Courtesy Staff (Transfer from General Medicine to Allergy)	Medicine
Herbert Bronstein, M.D.	Courtesy Staff (Transfer from General Medicine to Allergy)	Medicine
Charles Cunningham, M.D.	Courtesy Staff (Transfer from General Medicine to Allergy)	Medicine
Germaine Rupp, M.D.	Courtesy Staff (Transfer from General Medicine to Allergy)	Medicine
Damon Wetterbauer, M.D.	Courtesy Staff (Transfer from General Medicine to Allergy)	Medicine
Clifford W. Lynd, Jr., M.D.	Limited Staff in General Surgery	Surgery
Marc H. Glickman, M.D.	Limited Staff in General Surgery	Surgery

November 7, 1980 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Leaves of Absence Without Salary

JACQUELINE D. SISSON, Professor, University Libraries, effective October 14, 1980 through June 30, 1981, for personal reasons.

WILLIAM W. WAYSON, Professor, Academic Faculty of Educational Foundations and Research, effective October 1, 1980 through September 30, 1981, to work with Cleveland Public Schools.

LINDA GORDON HOWARD, Associate Professor, College of Law, effective October 1, 1980 through December 31, 1980, to continue to serve on President Carter's staff.

JAMES THOM ANDERSEN, Assistant Professor, Department of Photography and Cinema, effective October 1, 1980 through December 31, 1980, to pursue research under a Guggenheim Fellowship.

F. GREGORY ASHBY, Assistant Professor, Department of Psychology, effective October 1, 1981 through June 30, 1982, to accept a National Science Foundation postdoctoral fellowship at Harvard University.

FRANK E. BINDER, Instructor, College of Dentistry - Oral Diagnosis and Medicine, effective October 1, 1980 through September 30, 1981, for personal reasons.

#### Professional Improvement Leaves

RAYMOND W. LANG, Professor, Department of Medical Microbiology and Immunology, effective Spring Quarter 1981, Summer Quarter 1981, Autumn Quarter 1981, and Winter Quarter 1982.

WEN LANG LI, Professor, Department of Sociology, change from Autumn Quarter 1980, Winter Quarter 1981, Spring Quarter 1981 to Winter Quarter 1981, Spring Quarter 1981, and Summer Quarter 1981.

J. DENNIS NOLAN, Professor, Department of Psychology, effective Spring Quarter 1981 and Summer Quarter 1981.

#### Emeritus Title

KATHERINE G. HOCH, Department of English, with the title Assistant Professor Emeritus, effective January 1, 1981.

Upon motion of Mrs. James, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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November 7, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS**

Resolution No. 81-50

*Synopsis: The report on contracts, grants, and gifts and the summary for September are presented for Board acceptance.*

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Office of Business and Administration, the Engineering Experiment Station, and The Ohio State University Development Fund during the month of September 1980, be approved.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

November 7, 1980 meeting, Board of Trustees

# REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

## SUMMARY FOR SEPTEMBER 1980

Source	No. of Projects	Support Level
Office of Business and Administration	6	\$ 559,420.00
The Ohio State University Research Foundation	92	5,735,344.66
Engineering Experiment Station	13	93,664.00
		\$6,388,428.66
The Ohio State University Development Fund	6,646 Donors	\$1,395,686.24

## Establishment of Named Funds

The Maurice W. & H. Ethel Neidigh Scholarships in Veterinary Medicine (College of Veterinary Medicine)	\$ 19,021.35
The George D. Brush Scholarship in Ceramic Engineering (Department of Ceramic Engineering)	\$ 5,000.00
Cynthia Cook Dissertation Scholarship in Early and Middle Childhood Education (Doctoral students - Early and Middle Childhood Education)	\$ 4,540.00

## Report from Presidents Club

Members to date	4,412
1980: year to date	1,026
New members - September 1980	3

## New Presidents Club Members - September 1980

David J. Caccavello	Robert L. Chiles
James D. Casto, II	

November 7, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**FIRST QUARTER SUMMARY**

July 1, 1980 through September 30, 1980

**OFFICE OF BUSINESS AND ADMINISTRATION**

Source	No. of Projects	Support Level
FEDERAL	4	\$501,420.00
STATE OF OHIO	2	201,850.00
OTHER NON-FEDERAL	1	10,000.00
GRAND TOTAL	7	\$713,270.00

November 7, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**FIRST QUARTER SUMMARY**

July 1, 1980 through September 30, 1980

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

Source	No. of Projects	Support Level
<b>FEDERAL</b>		
National Aeronautics and Space Administration	4	\$ 104,427.00
National Science Foundation	37	1,559,149.00
Department of Defense	23	764,930.60
Department of Energy	9	1,160,457.00
Department of Education	17	2,081,349.24
Department of Health and Human Services	59	5,940,604.00
Other Federal	34	2,495,040.21
TOTAL - FEDERAL	183	\$14,105,957.05
STATE OF OHIO	28	\$ 733,234.14
INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL SPONSORS	78	\$ 2,940,225.82
GRAND TOTAL	289	\$17,779,417.01

November 7, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**FIRST QUARTER SUMMARY**

July 1, 1980 through September 30, 1980

**ENGINEERING EXPERIMENT STATION**

Source	No. of Projects	Support Level
STATE OF OHIO	3	\$ 53,479.00
INDUSTRIAL AND OTHER	137	1,082,972.00
GRAND TOTAL	140	\$1,136,451.00

November 7, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**OFFICE OF BUSINESS AND ADMINISTRATION**

**Federal Contracts/Grants**

\$240,608.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Health Professions Capitation Grant Program, College of Veterinary Medicine, October 1, 1980 through September 30, 1981. (Grant No. 5E03MB15704-11)

\$102,902.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Nursing Capitation Grant Program, School of Nursing, July 1, 1980 through June 30, 1981. (Grant No. 5E04NU01080-09)

\$102,606.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Health Professions Capitation Grant Program, College of Pharmacy, October 1, 1980 through September 30, 1981. (Grant No. 5E03MB15608-11)

\$55,304.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Health Professions Capitation Grant Program, College of Optometry, October 1, 1980 through September 30, 1981. (Grant No. 5E03MB15402-15)

**TOTAL - FEDERAL CONTRACTS/GRANTS**

**\$501,420.00**

**State of Ohio Contract/Grant**

\$48,000.00 - State of Ohio, Department of Education, Division of Elementary and Secondary Education, Columbus, Ohio, to improve and expand nutrition education in the schools, this proposal will establish a Nutrition Education Curriculum Center to serve the needs of school systems in thirteen counties in Central Ohio, Nutrition Education and Training Center (Academic Faculty of Educational Administration, Department of Human Nutrition and Food Management, School of Allied Medical Professions, and School of Health, Physical Education and Recreation), October 1, 1980 through September 30, 1981.

**Industrial, Private, and Other Non-Federal Contract/Grant**

\$10,000.00 - Central Ohio Special Education Regional Resource Center, Columbus, Ohio, to teach five in-service courses during 1980-1981, Academic Faculty of Exceptional Children, October 6, 1980 through June 15, 1981.



November 7, 1980 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

#### Federal Research Contracts/Grants

\$680,000.00 - Department of Energy, Argonne, Illinois, High Energy Physics, Department of Physics (T. A. Romanowski, K. Reibel, N. W. Reay, N. Stanton, T. Y. Ling, K. Tanaka, K. Lane, S. Pinsky, W. Palmer, and W. Wada), 1 February 1980 through 31 January 1981. (Project 762116 - Continuation)

\$359,286.24 - Department of Education, Office of Education Research and Improvement, National Institute of Education, Washington, D. C., ERIC (Educational Resources Information Center) Clearinghouse on Adult, Career, and Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 14 September 1980 through 13 September 1981. (Project 760890 - Continuation)

\$330,291.00 - Department of Education, Bureau of Education for the Handicapped, Washington, D. C., Regional Resource Center for Agencies Providing Educational Services for Handicapped Children in Ohio, Indiana, and Illinois, Academic Faculty of Exceptional Children (T. M. Stephens), 1 September 1980 through 31 May 1981. (Project 762383 - New)

\$264,582.00 - National Science Foundation, Washington, D. C., Establishment of a Center for Welding Research, Department of Welding Engineering (R. B. McCauley), 1 August 1980 through 31 July 1981. (Project 762389 - New)

\$186,082.00 - Department of Education, Grant and Procurement Management Division, Rehabilitation Services Administration, Washington, D. C., Training Grant in Physical Medicine and Rehabilitation, Department of Physical Medicine (E. W. Johnson), 1 July 1980 through 30 June 1981. (Project 760750 - Continuation)

\$173,959.00 - National Occupational Information Coordinating Committee, Washington, D. C., Estimating Occupational Supply Information From Federal Reports: Issues and Concerns, National Center for Research in Vocational Education (R. E. Taylor), 15 September 1980 through 14 September 1981. (Project 762391 - New)

\$173,237.00 - Environmental Protection Agency, Washington, D. C., Fate of Environmentally Induced DNA Damage in Human Fetal Tissues, Departments of Radiology and Pharmacology (S. M. D'Ambrosio) and Department of Veterinary Pathobiology (M. Chang), 1 October 1980 through 30 September 1982. (Project 762405 - New)

\$168,736.00 - National Endowment for the Humanities, Washington, D. C., Institute on Individualized Instruction in Foreign Languages, Department of Slavic and East European Languages and Literatures (L. I. Twarog), 1 September 1980 through 31 August 1981. (Project 762403 - New)

November 7, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$160,660.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Interdisciplinary Health Care for the Aged, Department of Pathology (L. Liss) and College of Medicine - Administration (C. L. Turner), 1 October 1980 through 30 September 1981. (Project 761918 - Continuation)

\$150,280.00 - Department of Education, Office of International Education, Washington, D. C., Language and Area Center for Slavic and East European Studies; Foreign Language Area Studies Fellowships, Department of Slavic and East European Languages and Literatures (L. Twarog) and Graduate School - Administration (J. B. LaPidus), 15 August 1980 through 14 August 1981. (Project 761827 - Continuation)

\$129,130.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Graduate Programs in Health Administration, School of Allied Medical Professions (D. C. Broski), 1 October 1980 through 30 September 1981. (Project 761329 - Continuation)

\$126,468.00 - Department of Education, Division of Program Development Dissemination and Desegregation Affairs, Washington, D. C., Teacher Training Project Leading to a B.S. and M.A. Degree in Elementary Education With Specialty in Bilingual Education, Academic Faculty of Early and Middle Childhood Education - Marion Campus (V. G. Allen), 1 September 1980 through 31 August 1981. (Project 762401 - New)

\$109,357.00 - Department of Education, Bureau of Education for the Handicapped, Washington, D. C., A Model Program for School-Aged, Mildly Handicapped Children and Their Parents - Second Year, Academic Faculty of Exceptional Children (T. E. Heron and W. L. Heward), 1 September 1980 through 31 August 1981. (Project 761808 - Continuation)

\$99,999.00 - Department of Labor, Washington, D. C., An Assessment of the Importance of Full-Time Apprentice Coordinators in Improving Program Effectiveness, National Center for Research in Vocational Education (R. E. Taylor), 15 September 1980 through 14 September 1981. (Project 762412 - New)

\$98,425.00 - Department of the Navy, Naval Research Laboratory, Washington, D. C., Design of Dual Bond Antennas, Department of Electrical Engineering, ElectroScience Laboratory (B. Munk), 30 September 1980 through 30 June 1981. (Project 762413 - New)

\$97,798.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Research on Computer Database Systems, Department of Computer and Information Science (D. K. Hsiao), 15 September 1980 through 14 September 1981. (Project 760226 - Continuation)

November 7, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **Federal Research Contracts/Grants (contd)**

\$90,000.00 - Agency for International Development, Washington, D. C., Matching Formula Title XII University Strengthening Grant, College of Agriculture and Home Economics, International Programs in Agriculture (M. G. Smith), 1 September 1980 through 31 August 1981. (Project 761863 - Continuation)

\$83,897.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Ion Transport by Heart Mitochondria, Department of Physiological Chemistry (G. P. Brierley), 1 September 1980 through 31 August 1981. (Project 760026 - Continuation)

\$82,500.00 - Department of the Interior, Office of Surface Mining, Washington, D. C., Mining and Mineral Resources Research Institute - Annual Allotment, College of Engineering - Administration (C. J. Konya), 1 October 1980 through 30 June 1981. (Project 762416 - Continuation)

\$76,676.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Field Testing and Evaluation of the Advanced Terminal System, College of Medicine - Administration (J. L. Burson and R. C. Comer), 29 September 1980 through 28 March 1982. (Project 762398 - New)

\$75,146.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Hypocholesterolemic Agents: Stereochemical Studies, College of Pharmacy (D. T. Witiak and D. R. Feller) and Department of Pathology (H. A. I. Newman), 1 September 1980 through 31 August 1981. (Project 762769 - Continuation)

\$74,999.00 - Department of Energy, Albuquerque, New Mexico, Salt-Gradient Solar Pond Development, Department of Physics (C. E. Neilsen), 1 September 1980 through 31 January 1981. (Project 760904 - Continuation)

\$70,707.00 - Department of Health and Human Services, Social Security Administration, Gwynn Oak Branch, Baltimore, Maryland, Limitation in Function and Disability, Mershon Center for Education in National Security (S. Z. Nagi), 1 October 1980 through 30 September 1981. (Project 761717 - Continuation)

\$70,238.00 - National Science Foundation, Washington, D. C., The Soviet Leadership, The Policy Process, and Political Change, Department of Political Science and Mershon Center for Education in National Security (P. D. Stewart), 1 October 1980 through 30 September 1982. (Project 762396 - New)

November 7, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$66,934.00 - Department of Health and Human Services, Region V Office, Office of Human Development Services, Administration for Children, Youth and Families, Chicago, Illinois, Child Welfare Services Training Grant (Traineeship), College of Social Work (R. O. Washington), 1 July 1980 through 30 June 1981. (Project 762378 - New)

\$62,922.00 - Department of Health and Human Services, Public Health Service, Bureau of Community Health Services, Rockville, Maryland, Development and Validation of an Interdisciplinary Screening Tool, Nisonger Center for Mental Retardation (W. E. Loadman and F. A. Benson), 1 October 1980 through 30 September 1981. (Project 762390 - New)

\$62,066.00 - Department of Education, Occupational, Adult and Indian Education Branch, Washington, D. C., Data for Analyzing National Policy Issues in Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 August 1980 through 31 January 1981. (Project 761008 - Continuation)

\$60,253.00 - Department of Labor, Washington, D. C., An Analysis of Why Business Firms Offer Employee Benefits, Department of Economics (G. E. Mumy and W. Manson), 23 September 1980 through 23 November 1981. (Project 762418 - New)

\$60,000.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Academic Faculty of Labor and Human Resources, Center for Human Resource Research (M. E. Borus), 1 October 1980 through 30 September 1981. (Project 760081 - Continuation)

\$58,331.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Chemical Carcinogen-Induced Changes in tRNA Metabolism in Human Cells, Department of Physiological Chemistry (R. W. Trewyn), 30 September 1980 through 30 September 1981. (Project 762404 - New)

\$57,164.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Biological Control of Vectors of Human Disease, Department of Entomology (J. D. Briggs), 1 September 1980 through 31 August 1981. (Project 761909 - Continuation)

\$54,000.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Professions, Hyattsville, Maryland, Comprehensive Humanistic Health Care, College of Medicine - Administration (C. McPherson-Turner and L. A. Sachs), 1 October 1980 through 30 September 1981. (Project 762409 - New)

November 7, 1980 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$52,820.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Model for Medical Treatments Evaluation, Department of Statistics (E. J. Dudewicz and J. Hsu), 1 September 1980 through 31 August 1981. (Project 761814 - Continuation)

\$50,000.00 - Department of Energy, Argonne, Illinois, Farm Ethanol Production Demonstration, Agricultural Technical Institute - Wooster Campus, (W. Longbrake), 1 September 1980 through 31 August 1982. (Project 762415 - New)

\$46,319.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Spectroelectrochemistry of Bio-Electron Transfers, Department of Chemistry (T. Kuwana), 1 September 1980 through 31 August 1981. (Project 763359 - Continuation)

\$44,654.00 - National Science Foundation, Washington, D. C., Mt. Erebus, Antarctica, Seismic Study, Institute of Polar Studies (D. H. Elliot and P. R. Kyle), 1 August 1980 through 31 July 1981. (Project 762386 - New)

\$42,653.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Intestinal Secretion Neurochemical Receptor Mechanisms, College of Pharmacy (T. S. Gagarella), 1 September 1980 through 31 August 1981. (Project 761266 - Continuation)

\$42,600.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, *In Vitro* Immunoglobulin Production in Hepatitis, Department of Medicine (R. L. Whisler), 1 September 1980 through 31 August 1981. (Project 761407 - Continuation)

\$40,099.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Propeller/Rotor Icing Study, Department of Aeronautical and Astronautical Engineering (K. D. Korkan), 6 October 1980 through 5 October 1981. (Project 762399 - New)

\$40,000.00 - Environmental Protection Agency, Cincinnati, Ohio, Improved Assumptions About Liquid Flow Through Wastes, Department of Civil Engineering (C. A. Moore), 2 September 1980 through 27 May 1981. (Project 762234 - Continuation)

November 7, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **Federal Research Contracts/Grants (contd)**

\$38,800.00 - Department of Education, Washington, D. C., Field Testing Vocational Education Metric Modules, National Center for Research in Vocational Education (R. E. Taylor), 1 October 1980 through 30 September 1981. (Project 762425 - New)

\$33,784.00 - Small Business Administration, Washington, D. C., An Economic Analysis of Refiner-Marketer Relations in the Retail Gasoline Market, Department of Economics (H. P. Marvel), 1 September 1980 through 31 August 1981. (Project 762407 - New)

\$33,000.00 - Department of Agriculture, Office of International Cooperation and Development, Washington, D. C., Cooperative Research Linkage for The Ohio State University, Ohio Agricultural Research and Development Center and the University of Sao Paulo, Brazil, College of Agriculture and Home Economics, International Programs in Agriculture (M. G. Smith), 24 September 1980 through 31 August 1981. (Project 762420 - New)

\$27,073.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Hormonal and Dietary Control of ATP Citrate Lyase, Department of Food Science and Nutrition (K. L. Roehrig), 19 September 1980 through 31 August 1981. (Project 762408 - New)

\$24,200.00 - Department of the Army, Natick Research and Development Laboratories, Natick, Massachusetts, Screen Prospective TCM Replacement for Amoebicidal Properties, Department of Civil Engineering (O. Sproul and A. Rubin), 23 September 1980 through 25 October 1980. (Project 760946 - Continuation)

\$19,995.00 - National Science Foundation, Washington, D. C., Interdisciplinary Cell Culture Facility, Department of Microbiology (B. S. Zwillig), 15 October 1980 through 30 September 1983. (Project 762395 - New)

\$19,741.00 - Department of Labor, Occupational Safety and Health Administration, Washington, D. C., Development of Occupational Safety and Health Training/Education and Related Assistance Capabilities, College of Administrative Science - Continuing Education (C. J. Slanicka and R. M. Montgomery), 12 April 1980 through 30 September 1980. (Project 761381 - Continuation)

\$15,000.00 - Department of Energy, Argonne, Illinois, University Reactor Sharing Program, Engineering Experiment Station, Water Resources Center (D. W. Miller, R. D. Myser, and B. K. Hajek), 1 September 1980 through 31 August 1981. (Project 762411 - New)

November 7, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$14,090.00 - Department of Energy, Oak Ridge, Tennessee, The Pre-Freshman and Cooperative Education for Minorities in Engineering (PREFACE - Program at The Ohio State University), College of Engineering - Administration (M. M. McGee), 15 March 1980 through 30 June 1981. (Project 762385 - Continuation)

\$12,362.00 - Office of Education, Office of Higher and Continuing Education, Washington, D. C., Foreign Language and Area Studies Fellowships - East Asian, Graduate School - Administration (J. B. LaPidus), Office of Academic Affairs, Center for International Studies (J. S. Adams), and Department of Anthropology (C. M. Chen), 15 August 1980 through 14 August 1981. (Project 761749 - Continuation)

\$10,002.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Test Data Processing and Analyses Related to the SR10 System, Department of Electrical Engineering (H. Hemami), 1 July 1980 through 30 December 1980. (Project 762063 - Continuation)

\$10,000.00 - Department of the Air Force, Aeronautical Systems Division, Wright Patterson Air Force Base, Ohio, Advanced RCS Reduction, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 25 August 1980 through 24 August 1981. (Project 762363 - New)

\$10,000.00 - Department of Energy, Argonne National Laboratory, Argonne, Illinois, Development of Computer Simulations for Landfill Methane Recovery, Department of Civil Engineering (C. A. Moore), 1 September 1980 through 30 September 1980. (Project 761802 - Continuation)

\$10,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, T-Matrix Formulation to Study the Frequency Dependent Properties of Absorbing Materials, Department of Engineering Mechanics (V. K. Varadan and V. V. Varadan), 1 August 1980 through 30 April 1981. (Project 762329 - Continuation)

\$10,000.00 - Department of Agriculture, Science and Education Administration, New Orleans, Louisiana, Disappearing Disease of the Honey Bee, Department of Entomology (W. Rothenbuhler), 1 July 1980 through 15 May 1981. (Project 760706 - Continuation)

\$9,994.00 - Department of the Navy, Naval Research Laboratory, Washington, D. C., Xenon Probe Laser for Atmospheric Studies, Department of Electrical Engineering, ElectroScience Laboratory (E. Damon and R. Nordstrom), 1 August 1980 through 30 November 1980. (Project 762346 - New)

November 7, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$8,494.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Analysis of Crashsurvivability Levels, Department of Mechanical Engineering (D. A. Guenther), 1 October 1980 through 30 March 1981. (Project 762428 - New)

\$8,400.00 - Department of Education, Office of Higher and Continuing Education, Washington, D. C., Graduate and Professional Opportunities Program Fellowships, Graduate School - Administration (A. S. Pruitt), 1 September 1980 through 31 August 1981. (Project 762138 - Continuation)

\$6,328.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, An Introductory Study of the H-Force Rotor, Department of Mechanical Engineering (H. R. Velkoff), 1 October 1980 through 31 January 1981. (Project 760964 - Continuation)

\$5,365.00 - Department of Education, Office of Higher and Continuing Education, Washington, D. C., Foreign Language and Area Studies Fellowships - Near and Middle East, Graduate School - Administration (J. B. LaPidus), Office of Academic Affairs, Center for International Studies (J. S. Adams), and Department of History (M. Waldman), 15 August 1980 through 14 August 1981. (Project 761759 - Continuation)

\$5,280.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Computer Modeling and Vehicle Collision Data Analysis, Department of Mechanical Engineering (D. A. Guenther), 15 September 1980 through 31 December 1980. (Project 762054 - Continuation)

\$5,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Scattering of Waves by Viscoelastic Composites and the Characterization of Their Dynamic Properties, Department of Engineering Mechanics (V. V. Varadan and V. K. Varadan), 22 August 1980 through 31 March 1981. (Project 762104 - Continuation)

\$5,000.00 - National Endowment for the Arts, Washington, D. C., Master Class in Choral Conducting, School of Music (M. Casey), 1 October 1980 through 30 September 1981. (Project 762400 - New)

\$4,565.60 - Department of the Navy, Naval Ocean Systems Center, San Diego, California, Technical and Analytical Study of NOSC Acoustic Scattering Model, Department of Electrical Engineering, ElectroScience Laboratory (R. G. Kouyoumjian), 2 July 1978 through 30 June 1979. (Project 760672 - Continuation)



November 7, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$3,447.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, A New Method for Analysis of Coronary Artery Behavior, Department of Surgery (T. E. Williams and J. F. Cornhill), 1 July 1980 through 30 June 1981. (Project 761222 - Continuation)

\$3,163.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Side Impact Padding Integration Study, Department of Mechanical Engineering (D. A. Guenther), 15 September 1980 through 14 November 1980. (Project 762410 - New)

\$3,142.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Pedestrian Laboratory and Field Data Analysis, Department of Mechanical Engineering (D. A. Guenther), 1 July 1980 through 15 November 1980. (Project 762052 - Continuation)

\$2,463.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Frequency Response of a Head Form Impacter, Department of Mechanical Engineering (R. Singh), 8 September 1980 through 31 October 1980. (Project 762421 - New)

\$1,500.00 - Department of the Interior, Fish and Wildlife Service, Washington, D. C., Population Density and Habitat Selection by Breeding Yellow Rails at Seney National Wildlife Refuge, Michigan, Department of Zoology (T. A. Bookhout), 15 September 1980 through 30 June 1981. (Project 761561 - Continuation)

**TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS**

**\$5,133,456.84**

**State of Ohio Research Contracts/Grants**

\$48,200.00 - Ohio Board of Regents, Columbus, Ohio, CETA-Higher Education Linkage Program: Coordination and Research, Academic Faculty of Labor and Human Resources, Center for Human Resource Research (M. E. Borus), 1 September 1980 through 30 June 1981. (Project 762379 - New)

\$23,000.00 - Ohio Historical Society, Columbus, Ohio, Ohio Regional Archaeological Preservation Office 6A, Department of Anthropology (D. Hughes and W. Dancey), 1 October 1980 through 30 September 1981. (Project 762424 - Continuation)

November 7, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**State of Ohio Research Contracts/Grants (contd)**

\$12,223.00 - State of Ohio, Department of Highway Safety, Columbus, Ohio, Driver Training for the Handicapped Institute, Office of Academic Affairs, Continuing Education - Non-Credit Programs (P. O. White and J. R. Herold), 11 September 1980 through 31 October 1980. (Project 762388 - Continuation)

\$9,850.00 - State of Ohio, Department of Health, Columbus, Ohio, Comparing Regulatory Decisions Under the 1122 and the CON Project Review Procedures, School of Allied Medical Professions (P. C. Nutt), 1 October 1980 through 30 September 1981. (Project 762392 - Continuation)

\$4,824.00 - State of Ohio, Department of Economic and Community Development, Office of Criminal Justice Service, Columbus, Ohio, A Conference Entitled, "Youth Service Planning and Coordination: A Blueprint for Action in Ohio," Office of Academic Affairs, Continuing Education - Non-Credit Programs (J. R. Herold and P. O. White), 19 September 1980 through 30 September 1980. (Project 762402 - New)

**TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS                      \$    98,097.00**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants**

\$187,000.00 - Electric Power Research Institute, Palo Alto, California, Corrosion and Corrosion Cracking for Water Cooled Reactors, Department of Metallurgical Engineering (D. D. Macdonald), 20 August 1980 through 31 December 1980. (Project 760982 - Continuation)

\$50,000.00 - City of Columbus, Department of Community Services for the Columbus-Franklin County Consortium, Columbus, Ohio, Offender Activities Grant, National Center for Research in Vocational Education (R. E. Taylor), 1 May 1980 through 30 April 1981. (Project 762350 - New)

\$36,039.00 - Kendall Demonstration Elementary School, Gallaudet College, Washington, D. C., Continuation of the Kendall Demonstration Elementary School Career Education Project, National Center for Research in Vocational Education (R. E. Taylor), 1 October 1980 through 30 September 1981. (Project 762419 - Continuation)

\$27,835.00 - Gas Research Institute, Chicago, Illinois, An Evaluation of the Critical Nature of Flaws in Plastic Pipeline Gas Distribution Systems, Department of Engineering Mechanics (C. Popelar and T. Richard), 1 October 1980 through 31 December 1980. (Project 762393 - New)

November 7, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$25,986.00 - North Carolina State Board of Education, Raleigh, North Carolina, Consortium for the Development of Professional Materials for Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1980 through 31 August 1981. (Project 762384 - Continuation)

\$25,986.00 - Southern Illinois University at Carbondale, Carbondale, Illinois, Consortium for the Development of Professional Materials for Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1980 through 31 August 1981. (Project 762384 - Continuation)

\$25,798.00 - Battelle Memorial Institute, Battelle Columbus Laboratories, Columbus, Ohio, Relation Between Microstructure and Fracture Toughness in a High Toughness, Complex, Low Alloy Steel, Department of Metallurgical Engineering (J. P. Hirth), 15 August 1980 through 14 August 1981. (Project 761376 - Continuation)

\$25,381.00 - State of Indiana, Office of Occupational Development, Indianapolis, Indiana, Indiana Vocational Technical Education Study, National Center for Research in Vocational Education (R. E. Taylor), 1 October 1980 through 31 January 1981. (Project 762040 - Continuation)

\$25,240.50 - Adria Laboratories, Columbus, Ohio, The Effect of "Myoflex" on the Relief of Exercise-Induced Muscle Soreness, Department of Physical Medicine (D. O. Wiechers), 1 July 1980 through 30 June 1981. (Project 762417 - New)

\$20,000.00 - St. Clair County Community College, Port Huron, Michigan; State Fair Community College, Sedalia, Missouri; Washington State Community College, District 17, Spokane, Washington; North Central Technical College, Mansfield, Ohio; Cuyahoga Community College, Cleveland, Ohio; Trident Technical College, Charleston, South Carolina; City College of Chicago, Chicago, Illinois; Walla Walla Community College, Walla Walla, Washington; Kalamazoo Valley Community College, Kalamazoo, Michigan; Eastern Iowa Community College, Davenport, Iowa; Hocking Technical College, Nelsonville, Ohio; Mississippi Gulf Coast Junior College, Perkinston, Mississippi; Williamsport Area Community College, Williamsport, Pennsylvania; Orangeburg Calhoun Technical College, Orangeburg, South Carolina; Brevard Community College, Cocoa, Florida; Northern Essex Community College, Haverhill, Massachusetts; Maricopa County Community College District, Phoenix, Arizona; Oakton Community College, Morton Grove, Illinois and Bergen Community College, Paramus, New Jersey, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1980 through 30 June 1981. (Project 761599 - Continuation)

November 7, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$15,120.00 - National Foundation - March of Dimes, White Plains, New York, Regulation of Dihydrofolate Reductase Gene Expression in Resting and Growing Fibroblasts, Department of Biochemistry (L. F. Johnson), 1 September 1980 through 30 June 1981. (Project 761289 - Continuation)

\$14,500.00 - American Chemical Society, Petroleum Research Fund, Washington, D. C., Dispersion Versus Absorption (DISPA): A New Spectral Line Shape Analysis for Inhomogenous Systems, Department of Chemistry (A. G. Marshall), 1 September 1980 through 31 August 1981. (Project 762370 - New)

\$11,533.00 - Battelle Memorial Institute, Battelle Columbus Laboratories, Columbus, Ohio, Alumina Tooth Implantation in Human Subjects, College of Dentistry - Crown and Bridge (R. H. Downes), 1 April 1980 through 31 August 1980. (Project 762315 - Continuation)

\$5,000.00 - World Health Organization, Special Programs for Research and Training in Tropical Diseases, Geneva, Switzerland, The Biological Control of Vectors of Human Disease, Department of Entomology (J. D. Briggs), 1 September 1980 through 31 August 1981. (Project 762422 - New)

\$3,415.00 - The Van Leer Jerusalem Foundation, Jerusalem, Israel, Study of Non-Affiliated Jewish Professors, Department of Sociology (H. Himmelfarb), Department of Psychology (G. Winer), and Department of History (M. Raphael), 1 July 1980 through 31 October 1980. (Project 762352 - New)

\$3,000.00 - San Joaquin Delta College, Stockton, California; Guilford Technical Institute, Jamestown, North Carolina and Triton College, River Grove, Illinois, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1980 through 30 June 1981. (Project 761599 - Continuation)

\$1,634.00 - Franklin County Mental Health and Retardation Board, Columbus, Ohio, Community Worker Project, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 October 1980 through 31 October 1980. (Project 761912 - Continuation)

\$323.32 - Northampton County Area Community College, Bethlehem, Pennsylvania, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 26 August 1980 through 30 September 1980. (Project 768032 - New)

**TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-  
FEDERAL RESEARCH CONTRACTS/GRANTS**

**\$ 503,790.82**

November 7, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**ENGINEERING EXPERIMENT STATION**

**State Sponsored Research and Development**

\$300.00 - Transportation Research Center of Ohio, East Liberty, Ohio, use of OSU/IRCC services in fiscal year 1980-81. (D-6846/312193)

**Industrial and Other Sponsored Research and Development**

\$58,657.00 - American Society of Heating, Refrigerating and Air Conditioning Engineering (ASHRAE), New York, New York, Interchangeability of Alcohols in Appliances Designed for Fuel Oils, Department of Mechanical Engineering - Fuels Laboratory, January 1, 1981 through September 30, 1981. (EES 620/529620)

\$34,707.00 - various sponsors for 11 D-projects under the direction of five engineering departments and research areas.

**TOTAL - INDUSTRIAL AND OTHER SPONSORED  
RESEARCH AND DEVELOPMENT**

**\$93,364.00**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

**Gifts of \$5,000 or More**

\$399,133.79 - Estate of Lora Kays and Warner M. Pomerene, Coshocton, Ohio, for The Warner M. and Lora Kays Pomerene Chair in Medicine.

\$88,128.00 - Trust Under the Will of Glenna R. Joyce, Columbus, Ohio, for Glenna R. Joyce Scholarship Fund.

\$62,100.00 - Ohio Lions Eye Research Foundation, Jackson, Ohio--\$22,000.00 for Ohio Lions Club Blindness Research Fund; \$15,000.00 for Institute for Research in Vision; \$4,850.00 for Lions; \$4,000.00 for Lions Research; \$4,000.00 for Lions 1977; \$4,000.00 for Pupil Fund; \$3,700.00 for Ohio Lions; \$2,200.00 for Electroencephalogram Fund; \$1,250.00 for Visual Function Fund; and \$1,000.00 for Ohio Lions Research Fund.

\$28,467.00 - The Charles F. High Foundation, Bucyrus, Ohio, for Charles F. High Foundation Scholarship Fund.

\$26,673.00 - The Grace High Washburn Trust, Bucyrus, Ohio, for Grace High Washburn Trust in Scholarship Fund.

\$25,000.00 - Norden Laboratories, Lincoln, Nebraska, for Veterinary Pathobiology Graduate Training Fund.

\$21,500.00 - Gannett Newspaper Foundation, Rochester, New York, for Journalism Director's Special Fund.

November 7, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$12,824.00 - Pfizer, Inc., Groton, Connecticut, for Clinical Pharmacology Fund.

\$12,604.31 - Systems Associates, Columbus, Ohio, for Cardiology Support Fund.

\$12,000.00 - Biomedics, Inc., Chicago, Illinois, for Extracorporeal Carbamylation for Treatment of Sickle Cell Disease.

\$9,678.39 - Estate Under the Will of James W. Strong, Lima, Ohio, for Hope Strong Journalism Fund.

\$7,381.02 - Ohio Farmers Insurance Co., Westfield Center, Ohio (given in the name of Arthur C. Dannecker, Jr.), for Ohio 4-H Foundation Support Fund.

\$7,247.51 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

\$6,400.00 - The Lubrizol Foundation, Cleveland, Ohio--\$2,400.00 for Lubrizol Foundation Scholarship Fund; \$2,000.00 for Lubrizol Foundation Scholarship Fund for Chemical Engineering; and \$2,000.00 for Lubrizol Foundation Fellowship Fund for Chemistry.

\$6,001.19 - Arthur R. Magnuson, Columbus, Ohio (given in the name of Dan Magnuson), for Student Athlete Grant-in-Aid Endowment Fund.

\$6,000.00 - Carrier Corporation, Syracuse, New York, for Carrier Fund.

\$6,000.00 - Central Ohio Center for Economic Education, Columbus, Ohio, for Center for Economic Education.

\$6,000.00 - Glass Packaging Institute, Washington, D. C., for Engineering Mechanics Chairman's Discretionary Fund.

\$6,000.00 - Eli Lilly and Company, Indianapolis, Indiana, for Physiological Chemistry Research.

\$6,000.00 - Specialty Food Products, Woodbridge, New Jersey, for Food Ingredient Technology Corporation Graduate Research Fund.

\$5,800.00 - Texas Marketing Area, Order No. 1126, Dallas, Texas, for Ohio Agricultural Business Fund.

\$5,520.00 - Dade Diagnostics, Inc., Aguada, Puerto Rico, for Department of Veterinary Clinical Sciences Blood Coagulation Research Fund.

\$5,100.00 - American Foundation for Pharmaceutical Education, Fair Lawn, New Jersey, for American Foundation for Pharmaceutical Education Fellowship Fund.

November 7, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$5,000.00 - Robert L. Chiles, Newark, Ohio, for Student Athlete Grant-in-Aid Endowment Fund.

\$5,000.00 - General Electric Foundation, Stamford, Connecticut, for Affirmative Action Program in Engineering Fund.

**Gift-in-Kind**

\$6,225.00 - Frederick G. Ruffner, Detroit, Michigan.

**Establishment of Named Funds**

**The Maurice W. & H. Ethel Neidigh Scholarships in Veterinary Medicine**

The Maurice W. & H. Ethel Neidigh Scholarships in Veterinary Medicine was established November 7, 1980, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Maurice W. and Ethel Neidigh, formerly of Centre County, Pennsylvania.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest or reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for students studying veterinary medicine at the University. The selection of the recipient(s) is to be made upon the recommendation of a scholarship committee in consultation with the Dean of the College of Veterinary Medicine in cooperation with the Office of Student Financial Aids.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for veterinary medicine scholarships.

**The George D. Brush Scholarship in Ceramic Engineering**

The George D. Brush Scholarship in Ceramic Engineering was established November 7, 1980, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Scioto Savings Association in memory of George D. Brush, B.S.C.E. '21, late of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

November 7, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **The George D. Brush Scholarship in Ceramic Engineering (contd)**

The annual income is to be used to provide scholarship assistance to undergraduate students enrolled in the Department of Ceramic Engineering. The selection of the recipient is to be made on the basis of financial need, as determined by standard university procedures. However, the selection of the recipient is to be made upon the recommendation of the Chairman of the Department of Ceramic Engineering.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate official of the University who is then directly responsible for ceramic engineering education.

##### **Cynthia Cook Dissertation Scholarship in Early and Middle Childhood Education**

The Cynthia Cook Dissertation Scholarship in Early and Middle Childhood Education was established November 7, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends of Cynthia Cook.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from the principal is to be used to provide scholarships for one or more doctoral students for their dissertation costs in Early and Middle Childhood Education or the general area of reading. Students must submit a letter of interest and four copies of their research proposal and research costs to the Cindie Cook Scholarship Committee. The selection of the recipient shall be made by the Cindie Cook Scholarship Committee.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for early and middle childhood education.

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## **PLANS AND SPECIFICATIONS**

Resolution No. 81-51

*Synopsis: Approval of plans and specifications is being proposed for the following project.*



November 7, 1980 meeting, Board of Trustees

### PLANS AND SPECIFICATIONS (contd)

WHEREAS at the request of the Vice President for Business and Administration, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimate of cost for the following project:

#### NOVICE G. FAWCETT CENTER FOR TOMORROW, AUXILIARY FOOD FACILITY

Project: Provide an evening food service for patrons of the Novice G. Fawcett Center for Tomorrow during hours when the dining room is closed. This facility will provide hotel guests with convenient, light food and assorted beverages within the building. A portion of the present dining room will be partitioned to provide space for this facility.

Funding: Budget Account 885124

Estimated Project Cost: \$100,000.00

#### NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimate of cost for the project listed above be approved and that the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for this project and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to award the necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### PLANS AND SPECIFICATIONS

Resolution No. 81-52

*Synopsis: Plans and specifications are being proposed for the following project.*

WHEREAS at the request of the Vice President for Business and Administration, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimate of cost for the following project:

November 7, 1980 meeting, Board of Trustees

### PLANS AND SPECIFICATIONS (contd)

#### MATHEMATICS BUILDING, EXTERIOR MASONRY REPAIRS

Project: Emergency repairs to the south face of the building. The brick bond in this area has failed, requiring removal of a portion of the brick and complete restoration.

Funding: Budget Account 885143

Estimated Project Cost: \$30,000.00

#### NOW THEREFORE

BE IT RESOLVED, That the Purchasing Department of the University be authorized to proceed with the solicitation of bids for the above project in accordance with normal procedures established for receipt of bids.

Upon motion of Mr. Hilliker, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### REPORT OF AWARD OF CONTRACT

Resolution No. 81-53

*Synopsis: Awarding of contract for French Field House, Renovation of Running Track is recommended.*

WHEREAS The Ohio State University Purchasing Department solicited bids for the following project which were received and opened on August 11, 1980.

#### FRENCH FIELD HOUSE, RENOVATION OF RUNNING TRACK

Description: Renovation of 200 meter track surface by placing new material over present surface and painting new track lines and required metric markings.

This work has been partially funded by receipt of a gift from James D. Casto designated as the French Field House Track Fund. The receipt of the gift was reported to the Board of Trustees at the meeting held September 5, 1980.

November 7, 1980 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACT (contd)**

**FRENCH FIELD HOUSE, RENOVATION OF RUNNING TRACK (contd)**

**General Contract**

Date Received: August 11, 1980

No. of Bids: 3

Low Bid: \$82,500.50\*

High Bid: \$92,090.00

Estimate of Cost: \$88,000.00

Awarded to: Clinton Asphalt Company, Wilmington, Ohio

Total Contract: \$82,500.50

Funding: Donation (\$50,000) and remaining funds from Athletic Revenues

\*The General Contract is recommended for award to the second lowest bidder. The bid submitted by the low bidder was rejected for failure to offer proper warranty as required by specifications.

**NOW THEREFORE**

BE IT RESOLVED, That the report of award of contract for the French Field House, Renovation of Running Track, be approved.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 81-54

*Synopsis: Contracts have been awarded for the projects enumerated below to the lowest and best bidders in accordance with University procedures.*

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Administration to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

November 7, 1980 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**UNIVERSITY AIRPORT, APRON AND RUNWAY IMPROVEMENTS, PHASE II**

Description: Continuation of the rehabilitation of apron areas, provide site preparation, replace beacon light and improve access to taxiways.

**General Contract**

Date Received:	September 30, 1980
No. of Bids:	6
Low Bid:	\$229,980.84*
High Bid:	\$277,575.87*
Estimate of Cost:	\$271,072.00*
Awarded to:	Central Ohio Asphalt Paving, Inc., Hilliard, Ohio
Total Contract:	\$229,980.84
Total Contingency Allowance:	\$ 19,534.66 which is 8 per cent of construction contracts
Total Project Cost:	\$293,955.00
Funding:	Federal Aviation Administration Grant

\*Recommended alternates reflected in these figures.

**ROBINSON LABORATORY, REPLACE HVAC UNIT**

Description: Replace second floor HVAC unit. The existing unit is over twenty years old and is a high maintenance cost item.

**Heating, Ventilating and Air Conditioning Contract**

Date Received:	October 16, 1980
No. of Bids:	5
Low Bid:	\$118,700.00
High Bid:	\$126,950.00
Estimate of Cost:	\$127,200.00
Awarded to:	Julian Speer Company, Columbus, Ohio
Total Contract:	\$118,700.00
Total Contingency Allowance:	\$ 6,809.75 which is 6 per cent of construction contract
Total Project Cost:	\$132,200.00
Funding:	Budget Account 210134 (Contract Repair 1980-81)

November 7, 1980 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**LARKINS HALL, EXTERIOR MASONRY REPAIRS**

Description: Cut out and repair existing deteriorated masonry on the old part of the Peppe Aquatic Center of Larkins Hall.

**General Contract**

Date Received:	September 26, 1980
No. of Bids:	1
Low Bid:	\$ 55,189.00* **
Estimate of Cost:	\$ 63,927.00*
Awarded to:	Raymond E. Kelley, Inc., Bowmansville, New York
Total Contract:	\$ 55,189.00
Total Contingency Allowance:	\$ 2,273.26 which is 4 per cent of construction contract
Total Project Cost:	\$ 58,927.00
Funding:	Budget Account 210134 (Contract Repair 1980-81)

\* Recommended alternate reflected in these figures.

\*\*Only one bid received on this project.

**NOW THEREFORE**

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby reported.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**SALE OF PROPERTY - 380 KING AVENUE**

Resolution No. 81-55

*Synopsis: Sale of property, 380 King Avenue, is proposed.*

WHEREAS Maude Morrill Haskett by will devised to the University property located at 380 King Avenue at the termination of the life estate of Helen G. Morrill; and

WHEREAS the University purchased the remaining life estate of Helen G. Morrill on June 1, 1976; and

November 7, 1980 meeting, Board of Trustees

**SALE OF PROPERTY - 380 KING AVENUE (contd)**

WHEREAS the terms of Maude Haskett's will directed that upon termination of the life estate, the University should sell the property and use the income from the investment for the sole purpose of maintaining the Frank H. Haskett Memorial Scholarship; and

WHEREAS a firm offer to purchase said property for \$8,100 has been received from Robert E. Owens; and

WHEREAS the appropriate University departments and Robert E. Owens are in mutual agreement as to the selling price:

**NOW THEREFORE**

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sell said property in the name of the Board of Trustees of The Ohio State University, on behalf of the Development Fund, the proceeds from such sale to be channeled through the Development Fund.

Mr. Redman: All I'd like to ask is what you can buy for \$8,100.

Mr. Havens: 380 King Avenue.

President Enarson: The house has been demolished.

Mr. Redman: Is this unimproved real estate?

Mr. Jackson:

Yes, it's unimproved real estate and the purchaser has agreed to build a facility which is compatible with local architecture, so we're pleased with that.

Mr. Redman: How big a lot is it?

President Enarson: What is meant by compatible local architecture, I'd rather you'd not ask.

Mr. Redman: I'm not going to ask that--

Dr. Jacob: It's got an MAI appraisal of \$6,000 on it, but it's a year old.

Mr. Havens: There's a lot description back there, but it doesn't show the size.

Dr. Vandament: It's a standard city lot there.

Mr. Redman: I was born and raised in that square.

Mr. Jackson: It's a corner lot; it's a rather deep lot; it's not very wide.

Mr. Redman: Thank you.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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November 7, 1980 meeting, Board of Trustees

**EASEMENTS - COLUMBIA GAS OF OHIO, INC.**

Resolution No. 81-56

*Synopsis: Renewals of two easements to Columbia Gas of Ohio, Inc., are proposed.*

WHEREAS Columbia Gas of Ohio, Inc., has requested renewal of a 15-year easement for a 4-inch gas line and regulating station from a location on Kenny Road near Ackerman Road to the University Service Center located at 2578 Kenney Road; and

WHEREAS Columbia Gas of Ohio, Inc., has requested renewal of a 15-year easement for a 12-inch gas line and regulating station from a location on Ackerman Road, west of Olen-tangy River Road to a meter location on Olen-tangy River Road south of Lane Avenue, then east and south to the University's Power Plant located at 2003 Millikin Road; and

WHEREAS said easements were initially granted on October 21, 1965; and

WHEREAS said easements will expire on October 20, 1980; and

WHEREAS said easements are essential to the continued operation of the University; and

WHEREAS said easements will be granted for \$1 each, as the installation and renewal there-of facilitate only The Ohio State University; and

WHEREAS the appropriate University agencies have recommended that said easements be granted:

**NOW THEREFORE**

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Director of the Department of Administrative Services, pursuant to his statutory duties, to act on behalf of the University in developing the necessary legal instruments to provide for the two 15-year easements hereinbefore described.

Upon motion of Mr. Hilliker, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**LETTER OF INTENT--RADIATION THERAPY SERVICES**

Resolution No. 81-57

*Synopsis: Letter of Intent to the Director of the Ohio Department of Health for Radiation Therapy Services is requested to be approved.*

WHEREAS pursuant to rule 3335-93-02 of the Administrative Code, the University Hospitals Board has recommended the approval of the intent of the Hospitals to submit a Certificate of Need for the expansion of the Radiation Therapy Services:

**NOW THEREFORE**

BE IT RESOLVED, That upon the recommendation of the University Hospitals Board the Letter of Intent for Radiation Therapy Services be approved.

Upon motion of Mrs. James, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

**The Ohio State University**

**Office of Vice President  
for Health Sciences**

218 Medical Administration Center  
370 West Ninth Avenue  
Columbus, Ohio 43210  
Phone 614 422-1815

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P  
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November 3, 1980

John H. Ackerman, M.D., M.P.H.  
Director  
Ohio Department of Health  
P. O. Box 118  
Columbus, Ohio 43216

Attention: Certificate of Need

Dear Dr. Ackerman:

This is a Letter of Intent submitted in accordance with the Ohio Administrative Code, Chapter 3701-8. The sponsor is The Ohio State University Hospitals, 410 West Tenth Avenue, Columbus, Ohio 43210. The Hospitals is a department of The Ohio State University, an agency of the State of Ohio.

The purpose of this letter is to inform you of the intent of the Hospitals to submit a Certificate of Need for the expansion and upgrading, including the purchase of equipment, of the Hospitals' existing on-site Radiation Oncology (radiation therapy) service. It is expected that the project will result in the net increase of one megavoltage radiation therapy unit. The new construction is projected to add approximately 16,000 square feet to the Radiation Oncology service.

The total project cost is estimated at not more than \$9,000,000 of which an estimated \$400,000 will be for predevelopment expenditures. The earliest anticipated date of submission of the application is January, 1981.

The Radiation Oncology service at the Hospitals was established in 1961. The present facilities are now outmoded and inadequate for the volume and scope of services provided. Accordingly, we have been planning for an expansion and upgrading of this area since 1974. As you know, the pending Capital Appropriations Bill contains an item which, when the Bill is passed, will provide funding for this project.

Sincerely,

Henry G. Cramblett, M.D.  
Vice President

cc: Gordon M. Labuhn, Mid-Ohio Health Planning Federation

HGC:jcs



November 7, 1980 meeting, Board of Trustees

## REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 81-58

RESOLVED, That the report on the University's Investment Portfolio, dated October 17, 1980, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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## COMMENTS BY PRESIDENT HAROLD L. ENARSON

Mr. Chairman and Members of the Board, for the benefit of those Board members who were not here this morning, we did hear a report from Dr. Vandament with respect to the physical master plan. It was a report which tried to portray, perhaps in oversimplified fashion, the growing need for additional dollars for utilities and renovation and for our work on an aging physical campus. I thought it was a very illuminating overall perspective.

We also had a report from Dr. Vandament and Dr. Loucks, the assistant director of registration services, on the first quarter enrollment breakdown by types and categories, and we also had a report on OSU student characteristics. We'll see that each of you get copies of both of these handouts in the event that you do not have it. I am tempted to say also that with respect to OSU student characteristics, as far as I can tell, they seem generally happy. It's hard to believe that we are already almost half through the first quarter. I think things are going, on the whole, rather well. As you know, we live under enrollment ceilings imposed by the General Assembly. We do not quarrel with those ceilings; we feel honor-bound by law and in good conscience to abide by those ceilings. We work extremely hard at the process, and when we go over with respect to enrollment, it's not by design, it's because nobody can prophesy precisely how many students of those applying will actually attend, and certainly we can't predict how many of those now enrolled or enrolled last year will return. It's a measure of the size and impact of this University that the growth in any one year such as this may be in excess of the size of the typical liberal arts college. It's all a bit awesome. I have nothing else to report; I would simply hope that all of you will be in the homecoming parade tonight and will help celebrate very quietly the victory over Michigan.

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Thereupon the Board adjourned to meet Thursday, December 11, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott  
Secretary

Chester Devenow  
Chairman

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APPENDIX II

Degrees Conferred at

THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

December 12, 1980

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## Recipients of Honors

### Mary Rosamond Haas

Internationally recognized linguistics scholar, Mary Rosamond Haas is acknowledged as the leading senior figure in the study of native American languages. Her work and that of her students comprise the largest and most significant body of research on American Indian languages in the last 40 years. Her meticulous studies of the Thai and American Indian languages and cultures stand as scholarly landmarks. She has opened the way to new understandings of language and culture throughout the world. The Ohio State University is privileged to honor Mary Rosamond Haas for her long and illustrious career as research scholar, teacher, and author, and for her many contributions to knowledge.

### Frederick G. Kilgour

Widely recognized innovator in the field of library science, Frederick G. Kilgour has won international acclaim for his leadership in applying computer technology to libraries. He is the principal architect of OCLC, Incorporated, a computer-based network that had its beginnings at this University. Today OCLC links more than 2,000 libraries in the United States and Canada. Soon the network will include major libraries in Europe. As a direct result of his unique contributions to information management, libraries now enjoy significant new economies and services. In testimony to the scholarly commitment that has marked his distinguished career, information is being placed at the service of people in new and imaginative ways.

### J. W. Peltason

First as teacher and scholar in political science, then as academic administrator in major universities, and now as president of the American Council on Education, J. W. Peltason has served higher education with unique dedication and distinction. As chancellor of the University of Illinois during a decade of unrest and change, he demonstrated the sensitivity and strength that mark the gifted leader. Now, as the leading spokesman for higher education in Washington, he represents the academy with energy, wisdom, and, above all, with great vision. The Ohio State University is privileged to honor J. W. Peltason for his many contributions as an academic statesman of the highest order.

### Howard Rosen

Almost single-handedly, Howard Rosen has advanced the frontier of human resource research. During the past 15 years, he has opened the way for American universities to study the development and utilization of human resources. He has nurtured a scholarly community to conduct such research and has used its findings to shape national policy. During his long and distinguished career with the Department of Labor, he has exemplified the highest traditions of public service. Under his creative leadership, government and the academy have worked in partnership and have forged a new understanding of the American labor force as a unique resource essential to the national well-being.

## **Distinguished Service Award**

### **C. Joseph DeLor**

Distinguished medical educator, physicians' physician, C. Joseph DeLor served this University for more than 40 years with singular dedication and devotion. His concern for the care of the whole person and his ability to impart this concern to his students reflect his unique gifts as physician and teacher. An outstanding citizen of this academic community, he repeatedly undertook major teaching and administrative assignments for the advancement of medical education and patient care. Through the thousands of practicing physicians who were his students and through his many contributions to this University, the life and good work of C. Joseph DeLor continue as a vital force in education and the healing arts.

### **T. Scott Sutton**

Outstanding scientist, respected teacher, dedicated administrator, T. Scott Sutton served this University for 38 years—as faculty member, department chairman, associate dean of the College of Agriculture and Home Economics, and as assistant director of the Ohio Agricultural Research and Development Center. He is recognized nationally for his early work on vitamin A and his research in animal nutrition. With great distinction, he served in Ohio State's program overseas and laid the groundwork for the development of three agricultural universities in India. His commitment to scholarship and service exemplifies the land-grant ideal in its highest form. His long and distinguished career remains an enduring example to all who follow academic pursuits.

# The Graduate School

Dean: Jules B. LaPidus

## Doctor of Musical Arts

John Wesley Golightly, Orangevale, Calif.; B.S.Mus. (Hardin-Simmons University); M.Mf. (Texas Christian University); *Music*; Dr. Sylvia A. Zarembo

Trucilla Marie Sabatino, Windgap, Pa.; B.A., M.F.A. (Pennsylvania State University); *Music*; Dr. Mario R. Alech

## Doctor of Philosophy

Dulce Maria de Acosta, Valencia, Venezuela; B.B.A. (University of Wisconsin); M.L.H.R.; *Interdisciplinary: Economics, Education, Preventive Medicine*; Dr. Samuel C. Kelley

Christine Kay Adams, Fairborn; M.A.; *Psychology*; Dr. Lyle D. Schmidt

Gerhardt Kenneth Andeen, Springfield; A.B. (Augustana College); M.A.; *Education*; Dr. Roy A. Larmee

Anne Lenore Ayres, Covina, Calif.; A.B. (Stanford University); M.A.; *Psychology*; Dr. Nancy E. Betz

David Dale Baker; B.S.Ed., M.A.; *Education*; Dr. Roy A. Larmee

Barbara Jane Banks, Miami, Fla.; B.A. (University of Southern Florida); *Communication*; Dr. William R. Brown

Cecilia Rose Barron, Columbus; B.S.N. (Georgetown University); M.Ed. (Columbia University); *Psychology*; Dr. Henry R. Angelino

Susan Gordon Blough, Columbus; B.S. (University of Wisconsin); M.A. (Case Western Reserve); *Education*; Dr. Anthony C. Riccio

Robyn Sue Bohme, Rose Bay, Australia; Diploma in Music Edu. (Alexander Mackie College); M.A.; *Music*; Dr. Jerry Lowder

Rosemary Bollig, Columbus; B.S. (Pennsylvania State University); M.Ed.; *Education*; Dr. Charles Wolfgang

Harold Kent Brown, Ft. Lauderdale, Fla.; B.S.E.P. (Florida Institute of Technology); M.S.; *Electrical Engineering*; Dr. Martin O. Thurston

Alexander Andrew Carey, Falls Church, Va.; B.S. (University of Notre Dame); M.S.; *Chemistry*; Dr. Eugene P. Schram

James Roland Carter, West Hempstead, N. Y.; B.S.; *Philosophy*; Dr. Virgil G. Hinshaw, Jr.

Ralph Gordon Charles Carter, III, Wichita Falls, Tex.; B.A. (Midwestern University); M.A.; *Political Science*; Dr. Charles F. Hermann

Yueting Chou, Taipei, Taiwan, R.O.C.; B.S. (National Cheng Kung University); *Chemistry*; Dr. Jack Hine

Samuel Greg Covault, Worthington; B.S. (Miami University); M.A.; *Physical Education*; Dr. Donald K. Mathews

Kathleen Susan Cox, San Bruno, Calif.; B.A., M.A. (University of California); *Education*; Dr. Gilbert A. Jarvis

Steven Ray Cox, Raytown, Mo.; B.S. (University of Missouri); M.S.; *Pharmacy*; Dr. Alfred E. Staubus

Donald Richard Darrow, Cedar Falls, Ia.; B.A. (Iowa State Teachers College); M.A.Ed. (State College of Iowa); *Education*; Dr. Willis E. Ray

Carlos Humberto Del Campo, Valdivia, Chile; Medico Veterinario (Universidad de Chile); *Veterinary Anatomy*; Dr. Bettina G. Anderson

Ronald Harrison Doughty, Columbus; B.S. (Bowling Green State University); M.A.; *Political Science*; Dr. John Champlin

Allen Joseph Dybas, Liverpool, N. Y.; B.S. (State University College at Oswego); *Education*; Dr. Willis E. Ray

Donald D. Dyck, Columbus; A.B., M.A.T. (Indiana University); *Education*; Dr. Donald P. Sanders

Catherine Weber Dygert, Worthington; B.A. (Michigan State University); M.A.; *Education*; Dr. Joseph J. Quaranta, Jr.

Charles Marc Edelsberg, Providence, R. I.; B.A.; M.A.T. (Brown University); *Education*; Dr. Donald R. Bateman

Barry Alan Eisenberg, San Luis Obispo, Calif.; B.S. (California Polytechnic State University); M.S.; *Horticulture*; Dr. George L. Staby

Richard Allen Ellis, New Philadelphia; B.S., M.S.; *Education*; Dr. Robert Howe

Myrna Lois Friedlander, Albany, N. Y.; B.A. (Case Western Reserve University); M.A. (George Washington University); *Psychology*; Dr. Theodore J. Kaul

Kenneth Harding Funk, II, Mansfield; B.A. (Taylor University); M.S.; *Industrial and Systems Engineering*; Dr. Richard A. Miller

Vicki Ann Funk, Owensboro, Ky.; B.S., M.A. (Murray State University); *Botany*; Dr. Tod F. Stuessy

Gonzalo Garcia, Jr., San Antonio, Tex.; B.A. (University of Texas); M.A.; *Education*; Dr. Aaron J. Miller

Patricia Irene Gilbert, Fairborn; B.A. (Miami University); M.Ed. (Wright State University); *Education*; Dr. Victor M. Rentel

Alfred Joseph Girondi, Jr., Harrisburg, Pa.; B.S., M.Ed. (Shippensburg State College); *Education*; Dr. Charles Galloway

Philip William Glasgo, Loudonville; B.S. (Ohio University); M.A.; *Business Administration*; Dr. David W. Cole

Kent Russell Glaus, Mogadore; B.S. (Kent State University); M.S.; *Genetics*; Dr. Philip S. Fertman

M. Ellen Huffman Goldsberry, Athens; B.S. (Wayne State University); M.S. (Ohio University); *Home Economics*; Dr. Lois E. Dickey

Judith Ann Golec, Sault Ste. Marie, Ontario, Canada; B.A., M.A. (University of Western Ontario); *Sociology*; Dr. Enrico L. Quarantelli

Marilyn L. Grady, Columbus; B.A. (Saint Mary's College); M.S. (Eastern Illinois University); *Education*; Dr. Virgil E. Blanke

Patricia Ann Greiner, Mount Jay, Pa.; B.A. (University of Delaware); M.A.; *English*; Dr. Mark S. Auburn

June Irene Hahn, Plain City; B.S. (University of Missouri); M.A.; *Psychology*; Dr. Mari R. Jones

Muhammad Abdul Hannan, Dacca, Bangladesh; M.Sc. (American University of Beirut); M.Sc. (University of Dacca); *Agronomy*; Dr. Trevor G. Arscott

Mark D. Harbaugh, Rice Landing, Pa.; B.S. (California State College-Pa.); M.Ed. (North Carolina State University); *Comprehensive Vocational Education*; Dr. Dewey A. Adams

Sheryl Jeanne Hays, Prairie Village, Kans. B.A. (University of Kansas); M.S.; *Pharmacy*; Dr. Neil J. Lewis

David Frank Heidel, Cincinnati; B.S. (Miami University); M.S.; *Physics*; Dr. James C. Garland

Robert James Higgins, Auburn, Ala.; B.S. (University of Queensland); *Veterinary Pathobiology*; Dr. Adalbert Koestner

David John Hildreth, Delhi, N. Y.; B.S.; M.S. (Ohio University); *Education*; Dr. Alan R. Osborne

Alexander Hinko, Scranton, Pa.; B.S. (Pennsylvania State University); M.S.; *Environmental Biology*; Dr. Sheldon Lustick

Robert Lee Houston, Heath; B.S. (Purdue University); M.S.; *Mechanical Engineering*; Dr. Seppo A. Korpela

William Frederick Hoyt, Columbus; B.A., M.C.P.; *Geography*; Dr. Lawrence A. Brown

Jim Eghe Igbinedion, Benin City, Nigeria; B.Sc. (University of Ibadan); *Animal Science*; Dr. Vern R. Cahill

Joyce Karen Ilfelder, Dumont, N. J.; A.B. (Cornell University); M.A.; *Psychology*; Dr. Samuel H. Osipow

Ibrahim Ahmed Ismail, Camden, Wis.; B.A. (Rutgers University); M.S.; *Chemistry*; Dr. Milton R. Chedekel

Thomas Wesley Johnson, Fairborn; B.S.Elec.Eng., B.S.Mec.Eng., M.S.Elec.Eng. (Massachusetts Institute of Technology); *Electrical Engineering*; Dr. David L. Moffatt

Margot Kaelbling, Federal Republic of Germany; B.S., M.S.; *Genetics*;

- Jeffrey Joseph Karrenbauer, Canton; B.B.A. (University of Notre Dame); M.A.; *Business Administration*; Dr. Bernard J. LaLonde
- Tae Jung Kim, Yonkers, N. Y.; B.S., M.S. (Seoul National University); *Electrical Engineering*; Dr. Gary A. Thiele
- Duane M. Kirking, Lodi, Wis.; B.S. (University of Wisconsin); M.A.; *Pharmacy*; Dr. T. Donald Rucker
- Sarah Aplin Rowland Kocsis, Columbus; B.A. (Ohio Wesleyan University); M.A.; *Psychology*; Dr. Philip M. Clark
- Maureen Therese Krause, Chicago, Ill.; B.A. (Northwestern University); M.A.; *German*; Dr. Gisela M. Vitt
- Paul E. Kreter, Riverside, Calif.; B.S. (University of California); *Chemistry*; Dr. Devon W. Meek
- Dah-Yang Kuan, Kowloon, Hong Kong; B.S. (National Central University); M.A. (University of South Florida); *Physics*; Dr. Charles A. Ebner
- James Edward LaPorte, The Dalles, Ore.; B.S., M.Ed. (Montana State College); *Education*; Dr. Willis E. Ray
- Bom Soon Lee, Seoul, Korea; B.S. (Seoul National University); M.S.; *Metallurgical Engineering*; Dr. Robert A. Rapp
- Tak Wai Leung, Hong Kong; B.S. (University of Texas, Arlington); *Chemistry*; Dr. Andrew Wojcieki
- Pei-Kee Lin, Taipei, Taiwan; B.S. (Tsing Hua University); M.S.; *Mathematics*; Dr. William J. Davis
- Nigel Stuart Lockyer, Toronto, Ontario, Canada; B.S. (York University); M.S.; *Physics*; Dr. Thomas A. Romanowski
- Jane Ramsey Logan, Richmond, Va.; B.S. (Indiana State University of Pennsylvania); M.S. (Ohio University); *Home Economics*; Dr. Rachel M. Hubbard
- Christopher Dunbar Lorish, Columbus; B.A. (Ohio Wesleyan University); M.A.; *Education*; Dr. John Hough
- Mary McDonald Makay, Columbus; B.A. (Western Michigan College); M.S. (Purdue University); *Education*; Dr. Joseph J. Quaranta, Jr.
- Vera Maletic, Columbus; Diploma, Certificate (University of Zagreb); *Interdisciplinary: Physical Education, Dance, Art Education, Psychology, Communication*; Dr. Seymour Kleinman
- Jonpaul Rogers Martin, Leavittsburg; B.A., M.A.; *Psychology*; Dr. Neol F. Johnson
- Jane Mayo-Chamberlain, Columbus; B.A. (Mount Holyoke College); M.A.; *Education*; Dr. Robert R. Bargar
- Michael Jay Meldrum, Pocatello, Ida.; B.A. (Weber State College); M.S. (Idaho State University); *Pharmacy*; Dr. Michael C. Gerald
- Christine Marie Mitchell, Cleveland Heights; B.A. (University of Dayton); M.S. (John Carroll University); *Industrial and Systems Engineering*; Dr. Richard A. Miller
- Soheyl Moayed-Amini, Tehran, Iran; Licent (National University of Iran); *Sociology*; Dr. Alfred C. Clarke
- Paul Edwin Moffitt; B.S., M.S.; *Animal Science*; Dr. George R. Wilson
- Atef Bassili Moussa, Cairo, Egypt; B.Civ.Eng. (Cairo University); B.Sc. (Ain Shams University); *Civil Engineering*; Dr. Alfred G. Bishara
- Mostafa Kamel Hussein Nosseir, Rio de Janeiro, Brazil; B.S. (Alexandria University); M.S. (Institute of Space Research); *Agronomy*; Dr. George F. Hall
- Timothy Lee Nyerges, Parma; B.A., M.A.; *Geography*; Dr. Harold J. Moellering
- Nickolas John O'Donnel, Buffalo, N. Y.; B.S. (State University of New York at Buffalo); *Pathology*; Dr. John A. Lott
- Janice Owens-Lane, Philadelphia, Pa.; B.A. (Wilberforce University); M.S.W. (University of Pittsburgh); *Psychology*; Dr. Andrew I. Schwebel
- Keon Yang Park, Pusan, Korea; B.E. (Hamyang University); *Chemical Engineering*; Dr. Robert S. Brodkey
- Michael Paschalis, Agioi Anargyroi, Athens, Greece; Ptychion (National University of Athens); Laurea in Letters (University of Bologna); *Classics*; Dr. Mark F. O. Morford
- Marianne Leeson Pattan, Salem; B.A. (College of Saint Mary of the Springs); M.A.; *Psychology*; Dr. Samuel I. Osiptow
- Donald Burchell Paul, Dayton; B.S. (Michigan State University); M.S. (University of Southern California); *Mechanical Engineering*; Dr. Lit S. Han
- Patricia Likert Pohlman, Columbus; B.A. (University of Michigan); M.A.; *Psychology*; Dr. W. Bruce Walsh
- William James Polinski, Lakewood; B.S., M.S. (Ohio University); *Physiology*; Dr. Jack A. Rall
- Jackie Lee Pritchard, Eastlake; B.A. (University of Oregon); M.A.; *Anthropology*; Dr. Frank E. Poirier
- Richard Theodore Pruiksmas, Wyckoff, N. J.; B.S. (Iowa State University); M.S.; *Chemistry*; Dr. Richard L. McCreery
- Carol Anne Rotillie-Quinter, Columbus; B.S., M.S.; *Medical Microbiology*; Dr. Robert L. Perkins
- Marilyn Davis Reed, Columbus; B.F.A., M.A.; *Education*; Dr. Charlotte S. Huck
- Mary Ann Ruffing, Norwalk; B.A. (Mary Manse College); M.A. (Western Reserve University); M.S.N. (Catholic University of America); *Sociology*; Dr. Wen Lang Li
- Gloria Ann Regalbuto Ruth, Euclid; A.B., M.A. (Ohio University); *Communication*; Dr. Victor D. Wall
- Rickie Sanders, College Park, Ga.; B.S. (Southern University); M.S. (Tulane University); *Geography*; Dr. Lawrence A. Brown
- Paul Schlachter, Montgomery, W. Va.; B.A. (Long Island University); M.Ed. (Boston University); *Education*; Dr. Anthony C. Riccio
- Thomas Arthur Schmitkons, Lorain; B.S. (Calvin College); M.S.; *Chemistry*; Dr. Sheldon G. Shore
- Marlene Schrage Shaul, Akron; B.A. (University of Wisconsin); M.A. (University of Akron); *Economics*; Dr. William H. Oakland
- Keith Alan Shubert, Columbus; B.S., M.S.; *Electrical Engineering*; Dr. Benedikt A. Munk
- Ivan Sergio Freire de Sousa, Brasilia, Brazil; B/Licentiate (Pontifica Universidade Catolica de Sao Paulo); M.Sc. (University de Sao Paulo); *Agricultural Economics and Rural Sociology*; Dr. William L. Flinn
- Ute Shepherd St. Clair, Oneonta, N. Y.; B.A., M.A.; *Philosophy*; Dr. George S. Pappas
- Carolyn McGoeys Stephenson, Hamilton, N. Y.; A.B. (Mount Holyoke College); M.A.; *Political Science*; Dr. Chadwick F. Alger
- Emmajean Moses Stepherson, Mountclair, N. J.; A.B. (Florida Agricultural and Mechanical University); M.A. (Jersey City State College); *Education*; Dr. W. Frederick Staub
- Luan Wagner Stewart, Columbus; M.S.; *Home Economics*; Dr. Ellen Hock
- Robert Peter Stone, Columbus; B.S. (Purdue University); M.S., M.S.; *Preventive Medicine*; Dr. Richard R. Lanese
- James D. Studer, Delaware; B.S. (Defiance College); M.A. (Bowling Green State University); *Education*; Dr. Roy A. Larmee
- Andrew Charles Taggart, Victoria, Australia; H.D.T.S. (State College of Victoria); B.Ed. (University of West Australia); M.A.; *Physical Education*; Dr. Daryl L. Siedentop
- Tsunehisa Tamaki, Jaboticabal, Sao Paulo, Brazil; Agronomist, M.S. (Universidade de Sao Paulo); *Agricultural Economics and Rural Sociology*; Dr. Donald W. Larson
- Chanvootti Tangchivittaya, Bangkok, Thailand; B.Eng. (Chulalongkorn University); M.S.; *Metallurgical Engineering*; Dr. R. A. Rapp
- John Andrew Tarpey, Jr., Middletown, N. J.; B.A. (College of the Holy Cross); M.A. (Montclair State College); *Education*; Dr. Joseph J. Quaranta, Jr.



Ramam Chitkara Tejwani, New Delhi, India; B.S. (New Delhi University); M.S. (All India Institute of Medical Sciences); *Physiological Chemistry*; Dr. George E. Milo

Arlene Thompson, Pittsburgh, Pa.; B.S.Nur., M.S.; *Education*; Dr. Joseph J. Quaranta, Jr.

Chi-Sing Daniel Tse, Hong Kong, R.O.C.; B.S., M.S. (University of Kansas); *Chemistry*; Dr. Theodore Kuwana

Nnah William Odosen, Crossriver, Nigeria; B.A. (Ahmadu Bello University); Diploma (University of Leeds); M.A.; *Art Education*; Dr. Kenneth A. Marantaz

Don Eugene Unger, Fort Collins, Colo.; B.S.Ed. (Nebraska State Teachers College); M.A.T. (Colorado State University); *Education*; Dr. Roy A. Larmee

Sylvia Phillips Vance, Westerville, B.A. (Otterbein College); M.A.; *Romance Languages and Literature*; Dr. Charles G. S. Williams

Suzanne Vaughan, Albuquerque, N. M.; B.A. (Roanoke College); *Sociology*; Dr. Kent P. Schwirian

Alice Wolfcale Weekley, Dayton; B.F.A. (Ohio University); M.Ed. (Wright State University); *Education*; Dr. John O. Cooper

Peter Stephens Wilson, Brisbane, Queensland; B.A., B.Ed., M.A. (University of Queensland); Certificate (Kelvin Grove College of Teacher Education); *Education*; Dr. M. Eugene Gilliom

Barbara Hamman Wing, Durham, N. H.; A.B., M.A. (Middlebury College); M.A.T. (Radcliffe College); *Education*; Dr. Gilbert A. Jarvis

Jerry Jay Wright, Richmond, Ind.; B.A. (Saginaw Valley College); M.Ed. (Bowling Green State University); *Physical Education*; Dr. Bruce L. Bennett

Shyue-Bin Wu, Taipei, Taiwan, R.O.C.; B.S.E. (National Cheng Kung University); M.S.; *Computer and Information Science*; Dr. Ming Tsan Liu

George Allan Wynn, Columbus; B.S., M.A.; *Education*; Dr. William W. Wayson

Tse Jeff Yang, Taichung, Taiwan, R.O.C.; B.S. (Cheng Kung University); M.S. (Florida Institute of Technology); *Physics*; Dr. Clifford V. Heer

Karolyn Louise Yocum, Warrensburg, Mo.; B.S.Ed., M.S. (Kansas State Teachers College); *Education*; Dr. George Lewis

Cynthia Lee Yoder, Columbus; B.S., M.A.; *Education*; Dr. Herman Peters

Carole Adrienne Zeolla, New Kensington, Pa.; B.S., M.Ed. (Indiana University of Pennsylvania); *Home Economics*; Dr. Joan Gritzmacher

Ronald Edward Zwielerin, Fremont; B.S.Ed., M.Ed. (Bowling Green State University); *Physical Education*; Dr. Charles L. Mand

## Master of Accounting

Kuang-Ping Chen, Taiwan, R.O.C.; B.A. (National Taiwan University); *Accounting*

Daniel Ray Kiser, Columbus; B.S.Bus.Adm.; *Accounting*

David Victor Whitacre, Beverly; B.A. (Wittenberg University); *Accounting*

## Master of Architecture

Robert Emmett Fitzgerald, Derby, Conn.; B.S. (Central Connecticut State College); *Architecture*

Akila Subramaniam, Madras, India; B.Arch.; *Architecture*

Mark Alan Vasko, Ashville; B.S.Arch., M.C.R.P.; *Architecture*

## Master of Arts

Maria de los Angeles Agrelo, Columbus; B.S.Ed.; *Education*

Alice Maureen Amorose, Columbus; B.S. (Ohio Dominican College); *Education*

Jean Piercy Anderson, Columbus Junction, Ia.; B.A. (Iowa Wesleyan College); *Education*

Josephine Ammar Angelo, Columbus; B.S.Ed.; *Education*

Rasa Marija Ardsy, Fairview, Pa.; B.S. (Illinois State University); *Journalism*

Bonnie Dee Behrend, Willingboro, N. J.; B.A.; *Journalism*

Nancy Ruth Beu, Columbus; Bachelor of Education (University of Toledo); *Education*

Barbara Ann Blatter, Mansfield; B.S. (Bowling Green State University); *Education*

Carol Driggs Blazer, Columbus; B.S.; *Education*

Lynn Gundersheimer Bodenstein, Columbus; B.S.S.W. (University of Cincinnati); *Education*

Lee E. Boger, Upper Sandusky; B.A.; *Education*

Marilyn Seidel Bonner, Columbus; B.S.Ed.; *Education*

Jonathan Emerson Bowen, Lindsey; B.A.; *Anthropology*

Joanne Marie Brehm, Kettering; B.A. (Marquette University); *Journalism*

Garry Nathaniel Brown, Columbus; B.S.; *Education*

Larke Ummel Brown, Mansfield; A.B. (Miami University); *Public Administration*

Suzanne Alice Brown, Chillicothe; B.S. *Physical Education (Health Education)*

William Holland Browning, Portsmouth, N. H.; B.S. (University of New Hampshire); *Economics*

Jennifer Ellen Burkhart, Woodsfield; B.A.; *Psychology*

Penelope Sue Campbell, Columbus; B.S.B.A. (University of Arkansas); *Accounting*

Vivien O. Canora, Cebu City, Philippines; B.A., M.A. (University of San Carlos); *Journalism*

Suzanne Louise Caterino, Adrian, Mich.; B.A. (New Mexico State University); *English*

Dean Owen Chambers, Atwood, Ill.; B.S. (Southern Illinois University); *Journalism*

Linita Chean, Dominican Republic; B.S.Ed.; *Romance Languages and Literatures*

Rachel W. Christie, Meadville, Pa.; B.A. (Allegheny College); *Psychology*

Margaret K. Clay, Worthington; B.S.Nurs.; *Education*

Mary Kaye Cochran, Westerville; B.S.Ed. (Bowling Green State University); *Education*

Denise Deborah Diedrich, Columbus; B.S.Ed.; *Physical Education (Health Education)*

Dorothy Ellen Driskell, Worthington; B.S. (Bob Jones University); *Physical Education (Health Education)*

Frank Louis Dus, Cleveland; B.A. (Ohio University); *Anthropology*

Marilyn S. Fais, Columbus; B.S.; *Education*

Russell A. Falkner, Willoughby; B.A. (Hiram College); *Psychology*

Johanna H. Federspiel, Newark; B.A. (Winthrop College); *Education*

Jeanette Lynn Ferkel, Clyde; B.S. (Bob Jones University); *Music*

Elaine Marie Filusch, Cincinnati; B.S.; *Physical Education*

Ann Fearber Fish, Columbus; B.S.Ed.; *Education*

Pamela Jo Fisher, Greenville; B.S.Ed.; *Education*

Lois Kern Forsythe, Coshocton; B.S. (Muskingum College); *Education*

Richard Arlin Forsythe, Coshocton; B.S. (Muskingum College); B.D. (Garrett Biblical Seminary); *Education*

Jean Ann Fox, Columbus; B.A. (Alma College); *Psychology*

Martin C. L. Frank, Fairborn; B.A.; *Physical Education*

Adrienne Marie Freeman, Columbus; B.S.; *Education*

Daiwei Fu, Taipei, Taiwan, R.O.C.; B.Sc. (Ching-Hua University); *Philosophy*

Paul B. Gallagher, Wheatley Heights, N. Y.; B.A. (State University of New York at Stony Brook); *Linguistics*

Juergen Gauss, Pforzheim, West Germany; Abitur (Fritz-Erler Wirtschafts Gymnasium); *English*

- John David Given, Columbus; B.S.; *Education*
- William Aloysius Glavin, Jr., Arlington, Va.; B.A. (Georgetown University); *Physical Education*
- Koichi Goshima, Nagoya, Japan; B.A. (Nanzan University); *Communication*
- Patricia B. Graves, Amanda; B.S. (Western Michigan University); *Education*
- Lewis H. Gray, McConnelsville; B.S.Ed. (Otterbein College); *Education*
- Laura Beth Greenfield, Seaford, N. Y.; B.A. (State University College at Fredonia); *Interdisciplinary: Communication, Photography and Cinema and Theatre*
- Linda Ree Gregg, Mansfield; B.S. (Miami University); *Education*
- Owen Joseph Hagovsky, Columbus; B.A.; *Anthropology*
- Sandra Kay Haines, Marysville; B.S. (Bowling Green State University); M.S.; *Physical Education*
- Clarice J. Harding, Mansfield; B.A. (Michigan State University); *Education*
- Richard Allen Hartikainen, Erie, Pa.; B.A. (Taylor University); *Physical Education*
- Jeffrey D. Heim, Columbus; B.S. (Bowling Green State University); M.Div. (Grace Theological Seminary); *Economics*
- Molly Jane Holycross, Columbus; B.S.Ed.; *Education*
- Deborah B. Houser, Columbus; B.S.Ed.; *Education*
- Babette C. A. Hunter, Delaware; B.S. (Central State University); *Education*
- Thomas Harold Huss, Toledo; B.S.Ed.; *Education*
- Linda-Kaye Hussey, Baltimore, Md.; B.A. (University of Maryland); *Anthropology*
- Kirk Carlton Hyde, Huntington Beach, Calif.; A.B. (University of California at Los Angeles); *Linguistics*
- Francis A. Iannarino, Columbus; B.A. (Capital University); *Education*
- Minabere Ibelema, Bonny, Rivers State, Nigeria; B.A. (Wiblerforce University); *Communication*
- Doris J. James, Beatrice, Ala.; B.A. (Talladega College); M.C.R.P.; *Public Administration*
- Sherri Robin Janousky, Dix Hills, N. Y.; B.S. (Brockport State College); *Physical Education*
- Elizabeth Chung-Mei Jen, Taipei, Taiwan, R.O.C.; B.A.; *Education*
- Maria de los Angeles Jiménez, San Jose, Costa Rica; Licenciada en Educacion (Universidad de Costa Rica); *Education*
- Julia Gamble Kahr, Columbus; B.A. (Radcliffe College); *Photography and Cinema*
- Jane Marie Kelley, Dayton; B.S.Ed.; *Education*
- Renée M. Keown, Worthington; B.S. (University of Cincinnati); *Education*
- John Peter Kilcher, Columbus; B.S. (Southern Illinois University); *Education*
- Barbara Darrah Knox, Worthington; B.A.; *Communication*
- Tae Woon Kwak, Koryung, Kyungbook, Korea; Bachelor of Commerce (National University); *Economics*
- Robert Largmann, Columbus; B.S.Ed.; *Education*
- Joel Richard Laser, Akron; B.A.; *Physical Education*
- Charles Murray Little, Columbus; B.A.; *English*
- Thama June Logan, Evanston, Ill.; B.A. (Shaw University); *Black Studies*
- Melvin Charles Long, Massillon; B.A.; *Education*
- Daryle Jean Maser, Donora, Pa.; B.A. (Morehead State University); M.A.; *Music*
- Eloise Lewis McCartney, Youngstown; B.A., M.S. (Youngstown State University); *Education*
- Suanne McClung, Marion; B.A.; *Journalism*
- Kenton Ray McConnell, Columbus; B.A. (Scarritt College); *Education*
- Joy Ellen McGaw, Alexandria; B.A.; *Communication*
- Nancy Ellen Spitler McKay, Marysville; B.A.; *Education*
- Mary Lou Hammond McKeen, Columbus; B.S.Ed. (Otterbein College); *Education*
- William Ian McKenzie, Windsor, Ontario, Canada; B.S.; *Physical Education*
- David Merves, Lorain; B.A.; *Journalism*
- Maureen Tewey Middaugh, Ithaca, N. Y.; B.A.; *Education*
- Elmer Miller, Columbus; B.S.; *Education*
- Joseph Walter Missbach, Oyster Bay, N. Y.; B.A. (University of Notre Dame); *Psychology*
- Mark Franklin Morss, Columbus; B.A. (Pepperdine University); *Economics*
- Dan Alan Moser, Saugerties, N. Y.; B.A. (Union College); *Journalism*
- Mary Louise Mowrey, Granville; B.F.A. (Ohio Wesleyan University); *Education*
- Jean Sherman Muste, Columbus; A.B. (Connecticut College); *Physical Education*
- Albert R. Neff, Columbus; B.S.; *Education*
- Jane Rakay Nelson, Columbus; B.S.Ed.; *Education*
- Elizabeth Ellen New, Arlington, Va.; B.M. (Miami University); *Music*
- Kevin Bruce Olson, Ashland; B.S.; *Physical Education*
- Ida Addolorata Patacca, Columbus; B.S.; *Education*
- Alexander Paul, Abbeville, S. C.; B.A. (South Carolina State College); *History*
- Randall W. Pfeiffer, Columbus; B.A. (Capital University); *Education*
- Deborah Christine Bowman Powell, Miami, Fla.; B.A. (Clark College); *Psychology*
- Dennis Hal Powers, Columbus; B.S. (Saint Joseph's College); *Public Administration*
- Valli Renee Prall, Waverly; M.S. (Miami University); *Physical Education*
- Sheizaf Rafaeli, Haifa, Israel; B.A. (Haifa University); *Journalism*
- Sharon Kay Reece, Mansfield; *Education*
- Joyce Blake Reiber, Columbus; B.S.Ed.; *Education*
- José Américo Ribeiro, Belo Horizonte, Brazil; B.A. (Faculdade de Filosofia, Ciencias e Letras de Belo Horizonte); *Photography and Cinema*
- Debra Anne Rindge, Rancho Palos Verdes, Calif.; B.A. (University of California at Santa Barbara); *History of Art*
- Judith Ann Roof, Columbus; B.A., J.D., M.A. (University of Toronto); *English*
- Jo Anne Rumble, Dayton; A.B.J. (University of Georgia); *Communication*
- Kent Douglas Russell, Timonium, Md.; B.S. (Ohio University); *Physical Education*
- Daniel Robert Sanders, Grand Blanc, Mich.; B.A. (Michigan State University); *Public Administration*
- Donna Ruth Schiming, Parma; B.S. (Bowling Green State University); *Education*
- Arnold Schneider, South Euclid; B.S. (Case Western Reserve University)
- Sheila Lorraine Scott, Willingboro, N. J.; B.S. (Trenton State College); *Physical Education*
- Susan Jane Secrest, Columbus; B.S.Ed.; *Education*
- Cathy Beth Simonson, Middletown; B.A. (Ohio University); *Physical Education*
- Rachel Slyper, Tel Aviv, Israel; B.A. (Tel Aviv University); *Education*
- Lauren S. Smith, Bexley; B.S.Ed.; *Photography and Cinema*
- Lori Ann Smith, Milwaukee, Wis.; B.A. (University of Wisconsin at Milwaukee); *Economics*
- Michael Clemens Stanley, Columbus; B.S.; *Education*
- Robert Benjamin Stevenson, III, Columbus; B.S. (University of Miami); D.D.S.; *Journalism*
- Donald Lamont Stewart, Delmar, Md.; B.A.Mus.Ed.; *Music*
- Sandra Fabel Stewart, Fostoria; B.S. (University of Minnesota); *Education*

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Mary Elizabeth Whitcomb, Columbus; B.S.Ed.; *Education*

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Paul Harold Zietlow, Columbus; B.A. (Capital University); *Communication*

James Richard Zimmerman, Columbus; A.B. (University of Michigan); *English*

## Master of Business Administration

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Stephen Ronald Bednar, Campbell; B.B.A. (Youngstown State University); *Business Administration*

Shelley Adrian Blass, Centerville; B.S. (University of Missouri); *Business Administration*

Clarence Walter Bower, II, Columbus; B.A.; *Business Administration*

Philip W. Coit, Columbus; B.A. (University of Massachusetts); M.A.; *Business Administration*

Tanya C. Currie, Jackson, Miss.; B.S. (Jackson State University); *Business Administration*

Steven Y. Duncan, Muncie, Ind.; B.S. (Indiana University); *Business Administration*

Curtis Grey Fields, Jr., Lexington; B.S.Bus.Adm.; *Business Administration*

Craig L. Franz, Deshler; B.S.I.E.; *Business Administration*

William R. Fritz, Berea; B.S.Bus.Adm.; *Business Administration*

Mark Windson Harbarger, Jackson; B.A.; *Business Administration*

Ronald Joseph Harkins, Worthington; B.S.Bus.Adm.; *Business Administration*

John Heini, Youngstown; B.S. (Youngstown State University); *Business Administration*

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Richard Emory Jacobs, Lakewood; B.S.Bus.Adm., J.D.; *Business Administration*

David Clark King, Worthington; B.S.; *Business Administration*

Diane Lavonne King, Oak Hill; Bachelor of Business Administration (Ohio University); *Business Administration*

Guinette Marie Kirk, Dayton; B.S. (Howard University); *Business Administration*

Kevin Dean Knoef, Dayton; B.S.; *Business Administration*

Thomas James Krawczyk, Parma; B.S.Bus.Adm.; *Business Administration*

Scott M. Krieg, South Amherst; B.S.; *Business Administration*

Linda Jo Krozser, Chagrin Falls; B.A. (Marietta College); *Business Administration*

Marianne Ellen LaRocco, Parma; B.A.; *Business Administration*

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Michael James Munsch, Columbus; B.A., M.A.; *Business Administration*

Gary Paul Overdorff, Zanesville; B.S. (Pennsylvania State University); *Business Administration*

David Benjamin Perry, Columbus; B.S. (Delaware Valley College of Science and Agriculture); *Business Administration*

Stephen Wallace Pruitt, Speedway, Ind.; B.S. (Purdue University); *Business Administration*

Robert F. Redmond, Jr., Columbus; B.S.; *Business Administration*

Warren Robert Schirtzinger, Chillicothe; B.A. (The College of Wooster); *Business Administration*

Michael James Schultz, Grove City; B.A.; *Business Administration*

Claudia Lynn Sheftel, Great Falls, Va.; B.S. (Virginia Polytechnic Institute); *Business Administration*

William T. Wendorff, Euclid; B.S.; *Business Administration*

Douglas Lowell Witwer, Dayton; B.S.I.E.; *Business Administration*

Colleen Elizabeth Young, B.A. (Miami University); *Business Administration*

Howard P. Zitsman, Springfield; B.A.; (Macalester College); *Business Administration*

## Master of City and Regional Planning

Rana Ahmadi, Tabriz, Iran; M.Arch. (University of Tehran); *City and Regional Planning*

Steven Merrill Ainspan, Albany, N. Y.; B.A. (State University of New York at Albany); *City and Regional Planning*

Michael Lawrence Greene, Bexley; B.S.; *City and Regional Planning*

Michael Gerard Hayes, Columbus; A.B. (Ohio University); *City and Regional Planning*

## Master of Fine Arts

Michael Louis Couch, St. Louis, Mo.; B.F.A. (Kansas City Art Institute); *Art*

Linda Adele Fowler, Columbus; B.S. (Ohio Dominican College); B.F.A.; *Art*

Mary R. Wayne, Philipsburg, Pa.; B.F.A. (Pennsylvania State University); *Theatre*

## Master of Health Administration

Mark William Vallera, Norfolk, Va.; B.S.; *Allied Medical Professions*

Anthony Paul Zelenka, Washington, Pa.; B.A. (Marietta College); *Allied Medical Professions*

## Master of Labor and Human Resources

Collier W. Case, Lancaster, Pa.; A.B. (Miami University); *Labor and Human Resources*

Issam Ahmed Ghazzawi, Lebanon; B.A. (Beirut Arab University); B.B.A. (The Lebanese University); M.B.A. (Sul Ross State University); *Labor and Human Resources*

Linda Halter, Greenville, S. C.; B.A. (University of Georgia); *Labor and Human Resources*

Nan L. Maxwell, Kettering; B.S. (University of Texas); M.S.; *Labor and Human Resources*

Bonnie L. Roach, Columbus; B.A. (Vassar College); *Labor and Human Resources*

William C. Strangfeld, Columbus; B.A. (Kansas Wesleyan University); *Labor and Human Resources*

Larry Edward Washing, Dayton; B.A., M.B.A. (University of Dayton); *Labor and Human Resources*

## Master of Public Administration

David Allen Breckenridge, Gahanna; B.M. (University of Cincinnati); M.A.; *Public Administration*

Susan I. Steinhart, New York, N. Y.; B.A. (Queens College); *Public Administration*

## Master of Science

Samir Omar Afuni, Amman, Jordan; B.S. (The Cleveland State University); *Civil Engineering*

José António Alegria, Portugal; Licenciateship (New University of Lisbon); *Computer and Information Science*

Hirudayaraj Arockiaswamy, Tiruchi, India; M.Sc. (Madras University); M.S.; *Computer and Information Science*

Masaharu Asano, Gifu, Gifu-ken, Japan; B.E., M.E. (Hokkaido University); *Engineering Mechanics*

Sarah Jane Baehr, Circleville; B.S.N.; *Nursing*

David Edward Balcer, Reynoldsburg; B.S.; *Geology and Mineralogy*

Carole Dismukes Barton, Atlanta, Ga.; B.S. (Auburn University); *Horticulture*

Maree J. Bellchambers, Sydney, Australia; Diploma of Occupational Therapy (New South Wales College of Occupational Therapy); *Allied Medical Professions*

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Thomas Anthony Bernadzikowski, Baltimore, Md.; B.S. (University of Tampa); *Environmental Biology*

Carol Carpenter Berry, Columbus; B.A.; *Home Economics*

Kathleen Carol Binzel, Washington C. H.; B.S.Nurs.; *Nursing*

Sally Margaret Blower, London, England; B.Sc. (Edinburgh University); *Natural Resources*

Charles Sherman Bluhm, Scottsdale, Pa.; B.S. (Pennsylvania State University); *Preventive Medicine*

Joseph Ferrel Boggs, St. Albans, W. Va.; B.S. (Glenville State College); *Entomology*

Charles Henderson Bonner, Ardmore, Pa.; A.B. (Mount Saint Mary's College); M.D. (Royal College of Surgeons); *Physical Medicine*

Charles Austin Bowen, Jr., Bellevue; B.S.; *Zoology*

Barbara Jean Bowers, Hudson; B.S.Nurs.; *Nursing*

Kathleen Kluznik Boyle, Mentor; B.S.Nurs., M.S.; *Nursing*

Robert Lee Brawley, Columbus; B.S. (University of Tennessee); M.D.; *Pediatrics*

Joseph Michael Bricker, Wooster; B.S. (The University of Akron); *Poultry Science*

Paul Emerson Browning, Columbus; B.S.Agr., B.S.Ed.; *Natural Resources*

Randal Norman Brue, Sylvania; B.S.; *Poultry Science*

Daniel Mark Burchfield, Placentia, Calif.; B.S. (University of California at Riverside); *Physiology*

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Maureen Lynch Caste, Birmingham, Ala.; B.S. (University of Alabama); *Chemistry*

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Yueh-Chi Chang, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); *Electrical Engineering*

Shyh-Horng Che, Taipei, Taiwan, R.O.C.; B.S. (Tam-Kang College); *Civil Engineering*

Ming-Ru Chen, Taipei, Taiwan, R.O.C.; M.S. (Taiwan University); *Chemical Engineering*

Steven Dean Cherryholmes, Ottawa; B.S.C.E.; *Civil Engineering*

Rosetta Ifeoma Chukwudebe, Columbus; B.A. (University of Puget Sound); *Home Economics*

Pong Chung Chung, Taiwan, R.O.C.; B.S. (National Tsing-Hua University); *Chemical Engineering*

Sue Marie Cottrill, Ashley; B.S.N. (Nazareth College); *Nursing*

Mary Ann Murphy Counts, Columbus; B.S.Nurs.; *Nursing*

Dennis J. Custer, Lancaster; B.S. *Nutrition; Home Economics*

Pamela Jane Dawson, Stocksfield, Northumberland, England; B.Sc. (University of Surrey); *Home Economics*

Marilyn S. Deal, Columbus; B.S.; *Agricultural Economics and Rural Sociology*

RoseMarie B. Deibel, Columbus; B.S. (University of Dayton); *Chemistry*

Donna Kay Dempsey, Lenore, W. Va.; B.S.Nurs.; *Nursing*

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Rajab Mansour El-Asswad, Tripoli, Libya; B.S. (Alfateh University); *Agronomy*

Ahmed K. ElMagarmid, Tripoli, Libya; B.S. (University of Dayton); *Computer Computer and Information Science*

Fabian Oby Eluma, Mgbidi, Imo State, Nigeria; B.S. (Syracuse University); *Anatomy*

Onalee Jean Evans, Avon Lake; B.S.; *Home Economics*

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Randy H. Farmer, New Carlisle; B.S. (University of Evansville); *Electrical Engineering*

Elizabeth Moran Fitzgerald, Columbus; B.S.N. (University of Kentucky); *Nursing*

- Carol Anne Flanagan, Parma; *Agricultural Education*
- George William Flathers, II, Bridgton, Me.; B.S. (University of Illinois); *Industrial and Systems Engineering*
- Thomas Robert Foertsch, Cincinnati; B.S. (United States Air Force Academy); *Industrial and Systems Engineering*
- Pamela Twitchell Freeman, Mansfield; B.S.; *Home Economics*
- Robert Strid Freeman, Columbus; D.D.S. (Northwestern University); *Dentistry*
- Britt-Marie Gunilla Gäveby, Stockholm, Sweden; M.S. (The Royal Institute of Technology); *Chemistry*
- Fawzi Fathi Gherfal, Tripoli, Libya; B.S. (University of Dayton); *Computer and Information Science*
- Gary Ellis Gilman, Lorain; B.S. (Thomas Jefferson University); *Allied Medical Professions*
- Charles Robert Glover, Portsmouth; B.S.; *Natural Resources*
- Mary Ellen Kosco Goheen, Toledo; B.S.N. (University of Toledo); *Nursing*
- Byron Dean Gulick, Circleville; B.S.; *Geology and Mineralogy*
- Nazir Abdelhamid Hadidi, Salt, Jordan; B.S. (Al-Azhar University); *Horticulture*
- Scott Lawrence Hendricks, Oberlin; B.S.E.E.; *Electrical Engineering*
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- Sonia Antonieta Hidalgo, Tela, Honduras; B.S.Agr.; *Agricultural Economics and Rural Sociology*
- Edward L. Hillenbrand, Columbus; B.S.; *Biochemistry*
- Charles Norman Horn, Herndon, Va.; B.S. (George Mason University); *Environmental Biology*
- Gary Lee Horrisberger, Millersburg; B.S.; *Animal Science*
- Marc Warren Howard, Burlington, N.C.; B.S.E.E. (North Carolina State University); *Electrical Engineering*
- Jennifer Eunice Hoyte, Reynoldsburg; B.S.; *Computer and Information Science*
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- Sandra Sue Huber, Lima; B.S.; *Nursing*
- Myung C. Hwang, Seoul, Korea; B.S. (Seoul National University); *Computer and Information Science*
- Shyh-Jye Hwang, Taiwan, R.O.C.; B.S.; *Chemical Engineering*
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- Menachem Kimchi, Columbus; B.S.; *Welding Engineering*
- Randi M. Kiphen, Lancaster; B.S.N. (Capital University); *Nursing*
- Pamela Elise Knapp, Columbus; B.S. (Cornell University); *Physiology*
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- Susan Brooks Kocian, Springfield; B.S.N. (Wright State University); *Nursing*
- Cynthia Ann Krummel, Cincinnati; *Home Economics*
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- Michael Joseph Lacki, Canton; B.S. (University of Dayton); *Zoology*
- John Winslow Larkin, Columbus; B.S.; *Food Science and Nutrition*
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- Carol A. Lepley, Bellevue; B.S.N.; *Nursing*
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- Chia-Huang Lin, Taiwan, R.O.C.; B.S.C.E. (National Taiwan University); *Civil Engineering*
- Li-Shei Lin, Taiwan, R.O.C.; B.S. (National Taiwan University); *Pharmacology*
- Jenny Elizabeth Logue, Pittsburgh, Pa.; B.S.; *Allied Medical Professions*
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- Gregory William Luli, Mount Vernon; B.S.; *Microbiology*
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- Julie Ann McAfooses, Logan; B.S. (Ohio University); *Nursing*
- Kevin James McGowan, Springfield; B.S.; *Zoology*
- Nancie Marie Metzger, Valley City; B.S.; *Home Economics*
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- Kimberly M. Norton, Des Plaines, Ill.; B.S. (Emory University); *Allied Medical Professions*
- Peter Egwuenu Ofuae, Illah, Bendel State, Nigeria; B.Eng. (Ahmadu Bello University); *Civil Engineering*
- Hiroshi Ohtsuka, Tochigi, Japan; B.S. (National Defense Academy); *Mechanical Engineering*
- Lyman Keith Oja, Sunbury; B.S.M.E. (Michigan Technological University); *Mechanical Engineering*
- Ali Tayfun Ozkan, Denizli, Turkey; B.S. (Middle East Technical University); *Ceramic Engineering*
- Julie Michelle Palais, West Newton, Mass.; B.A. (University of New Hampshire); *Geology and Mineralogy*
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- Nancy Selen Paul, Columbus; B.S. (Miami University); *Home Economics*
- Juan A. Perez Rodriguez, Puerto Rico; B.S. (University of Puerto Rico); *Civil Engineering*
- Burke Wade Perry, Dayton; B.S.Agr.; *Agricultural Economics and Rural Sociology*
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Richard David Rosen, Lorain; B.E.E.  
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John Clifton Rupert, Put-in-Bay; B.S.;  
*Zoology*

Osamu Sakai, Yokkaichi, Mie, Japan;  
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Ricardo Sanchez, Concepcion, Chile;  
Electrical Engineer; *Electrical Engineering*

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Nancy Lynn Sebastian, Columbus; B.S.;  
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Katie Andrews Shelley, Bellevue; B.S.;  
*Home Economics*

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Robert Benjamin Stevenson, III, Columbus;  
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Richard Paul Supina, State College, Pa.;  
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Lora Lee Tharp, Hilliard; B.S. (University  
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Frederick Allen Tokarz, Dayton; B.S.,  
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Zane H. Tuta, Canfield; B.S. (University  
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Jeffrey R. VanKeuren, Wooster; B.S.;  
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Richard P. Vitray, Vienna, Va.; B.S.  
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Jack Jean Warecki, Sagamore Hills;  
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*Animal Science*

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Resources*

Ahdaf Abdalla Yousry, Buffalo, N. Y.;  
B.S.; *Chemistry*

Eunyoung Yu, Seoul, Korea; B.S. (Seoul  
National University); *Electrical  
Engineering*

Yuan-Fang Zheng, Shanghai, China; B.S.  
(Tsinghua University); *Electrical  
Engineering*

Oded Zimmerman, Columbus; B.Sc., M.Sc.  
(Tel-Aviv University); *Computer and  
Information Science*

## Master of Social Work

Wendy L. Cherry, Columbus; B.A. (Sweet  
Briar College); *Social Work*

Sanford Louis Starr, Columbus; B.S.;  
*Social Work*

## Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans:  
Patrick R. Dugan

Vice Provost for the Arts and Sciences:  
Thomas A. Willke

The Colleges of the Arts and Sciences,  
a federation of five colleges, include:

College of the Arts

College of Biological Sciences

College of Humanities

College of Mathematical and  
Physical Sciences

College of Social and  
Behavioral Sciences

## College of the Arts

Dean: Andrew J. Broekema

### Bachelor of Arts

James Alva Allen, Pickerington  
M. Daso Ernst, Liberty Center  
Janet Lee Fonner, Youngstown  
Barbara Lynn Freedy, Upper Arlington  
Mary Ann Gentile, Steubenville  
Eric M. Kleinpaste, Columbus  
Brenda L. Kurlansik, Reading, Pa.  
Craig John Muzilla, Amherst  
Richard John O'Neal, Youngstown  
Steven Jay Probasco, Columbus  
Deirdre Jane Smith, Columbus  
Anthony DeWitt Stewart, Hillside, N. J.  
Michael Anthony Terlachner, Parma  
Brenda Lynn Zagarinsky, Indianapolis, Ind.

### Bachelor of Fine Arts

Sonya Rae Albery, Columbus  
Rosemarie Balog, Brecksville  
B.A.  
Susan Mary Brooks, Bloomfield Hills, Mich.  
Suzanna Rose Burke, Columbus  
Beverly Susan Diles, Racine  
Lynn Elizabeth Flowers, North Olmstead  
Gary Gilbert Ganas, Columbus  
Genie Grunewald, Columbus  
Craig Steven Heryford, Marietta  
Sarah B. Holmes, Westerville

Ronald Allen Jacobs, Youngstown  
 Stephen Anthony Kristof, Marion  
 Margaret Sue Longthorne, Columbus  
 Janet Louise Marsano, Lancaster  
 Fredrik Lance Marsh, Galena  
 Diane Alayne O'Dell, Cleveland  
 Claudia Jacqueline Turner, Columbus  
 Steven Edward Wiseman, Columbus  
 Deborah Lynn Young, Bridgewater, N. J.

### Bachelor of Music

Jody Lee Kidwell, Columbus  
 David Ernest Nilo, Columbus  
 William Earl Wilson, Hillsdale, N. J.

### Bachelor of Science in Industrial Design

Susan Elaine Hall, Columbus  
 Thomas Daniel Horton, Findlay  
 Terri Sue Nesbit, Sandusky  
 James M. Stephenson, Delaware

### Bachelor of Art Education<sup>1</sup>

Nancy Lee Belt, Gahanna  
 Emily Jane Borchers, Worthington  
 Melinda Kay Coia, Columbus  
 Susan Moore Cyr, Columbus  
 Susan Elaine Frey, Van Wert  
 Paula Topping Linder, Columbus  
 Cecil David Moore, Jr., Memphis, Tenn.  
 Robert LeBarron Murphy, Columbus  
 William Irving Shade, Columbus  
 Nancy Ann Sperling, Columbus  
 Robin Root Wallace, Willard  
 Nancy Lynn Wimmer, Columbus  
 Deborah Lynne Young, Bridgewater, N. J.

### Bachelor of Music Education<sup>1</sup>

Louis Mitchell Best, Bowling Green  
 Richard Leroy Brown, Bucyrus  
 Kevin Rapp Cochran, Mt. Vernon  
 Janice Mae Cox, Columbus  
 Tanyce Jo Fogle, Larue  
 Ruth Anne Inman, Mt. Vernon  
 Bennie Lee Jones, Columbus  
 Janet Zeiger Rummel, Lima  
 Susan Elizabeth Ryan, Norton  
 James Donald Taite, Barborton  
 Jan Ellen Wright, Fairborn

<sup>1</sup> Offered jointly by the College of the Arts and the College of Education

## College of Biological Sciences

Dean: Patrick R. Dugan

### Bachelor of Science

Lawrence Earl Bailey, Dayton  
 Dick Preston Bell, Salisbury, N. C.  
 Maryann Bevinger, Columbus  
 Kim Frances Borsos, Lorain

Carolyn Maxine Clay, Dayton  
 Franklin Lee Counts, Upper Arlington  
 Robert Ivan Curry, Canal Winchester  
 Douglas Joseph DiCocco, Columbus  
 James McMaster Durell, Jr., Columbus  
 David Patrick Dureska, Canton  
 Dolores Ann Garcia, North Canton  
 Audrey Lynn Gottlieb, Toledo  
 Jay Bruce Hilliard, Mansfield  
 Debra Lynn Hull, Salem  
 Christopher Glenn Keck, Bay Village  
 Donald A. Kennard, Fairview Park  
 Teresa Anne Kuehn, Columbus  
 Charles M. Lawler, Cleveland  
 Stephen Michael Lewis, Grove City  
 George Anthony Martin, Columbus  
 Jeffrey Scot McClune, Columbus  
 Wieslaw Marian Mostowy, Canton  
 Deborah Ruth New, Columbus  
 William David Nichols, Jr.  
 Sheila Marie O'Brien, Dublin  
 Anil Kumar Parekh, Columbus  
 Mark Albert Reynolds, Pokwo, Ethiopia  
 Vivian Marie Rhode, Fairport, N. Y.  
 Lyn E. Riffe, West Union  
 John Steven Russo, Columbus  
 Joyce M. Sahr, Stoutsville  
 Jeanne Carol Spencer, Columbus  
 Karen Elizabeth Trainor, Toms River, N. J.

## College of Humanities

Dean: Diether H. Haenicke

### Bachelor of Arts

Crampton O. Anderson, Cincinnati  
 Robert Charles Cashdollar, Jr., Newark  
 Catherine Marie Dieren, Columbus  
 John Bernard Held, Columbus  
 Rick E. Hobbs, Gallipolis  
 Mary Ellen Hoffman, Bexley  
 Jessica M. Huesmann, Powell  
 Robert Joseph James, Tipp City  
 James Lee Leffel, Columbus  
 Theresa Marie Lieb, Columbus  
 Dwayne Allen Martin, Columbus  
 Inge Habeck Master, Worthington  
 Laurie Jeanne McCleskey, North Canton  
 John Andrew Mitchell, Newark  
 Shirley Ann Nelson, Columbus  
 Dwight David Nodas, Columbus  
 Manuel Pace, Columbus  
 Nancy Diane Parker, Van Wert  
 Rand Eugene Patterson, Columbus  
 Patrick Anthony Quinlan, South Euclid  
 Thomas Alan Reid, Mentor  
 Carol Jean Sagraves, Columbus  
 Ellen Kay Salisbury, Columbus  
 Janet Elaine Schmittauer, Columbus  
 Richard L. Shryock, Sylvania  
 Vivian Louise Tooman, Leipsic  
 Deborah Lynn Valentine, Columbus  
 David H. Willison, Stow  
 Jack Lynn Wills, Jr., Westerville  
 Michael Lloyd Womeldorff, Newark  
 Sandra Lee Yannon, Columbus  
 Ann M. Yinger, Columbus

## College of Mathematical and Physical Sciences

Dean: Colin B. B. Bull

### Bachelor of Arts

Mark Robert Anstaett, Columbus  
 Madeleine Julia Dautartas, Chesterland  
 Richard Andrew Kaman, Norton

### Bachelor of Science

Nancy Renee Augsburg, Columbus  
 Gilbert Dennis Bloom, Middleburg Heights  
 Sandra Yu-San Chang, Columbus  
 Susan R. Chisholm, Fostoria  
 Harry Michael Covert, Columbus  
 Dan Lawrence Crawford, Portland, Ore.  
 Bettie Fraley, Columbus  
 Duane Curtis Huffman, Tiffin  
 Beth Laurie Jamieson, Batavia  
 Neil Evan Johnson, Palmyra, N. Y.  
 Dennis L. Litwinowicz, Columbus  
 Richard Kenneth McGuire, Chippewa Lake  
 Philip H. Myers, Marion  
 Leigh Andrew Potter, Kettering  
 Linda Kay Ribelli, Columbus  
 Steven Jay Richard, Chardon  
 Drew John Ronske, Westerville  
 Thomas W. Semones, Mentor  
 Lillian Chen Teng, Taipei, Taiwan  
 David W. Thiel, Upper Sandusky  
 James Lee Wright, Sandusky  
 Edward Vincent Zinni, Parma Heights

## College of Social and Behavioral Sciences

Dean: S. Earl Brown

### Bachelor of Arts

Daniel Glenn Applegate, Newark  
 Robert John Babka, Toledo  
 Elizabeth Anne Baylin, Reynoldsburg  
 Garifalia H. Bellesis, Warren  
 Heidi Bieber, Chesterland  
 Tamara Jo Blake, Marion  
 James Jesse Bollinger, Columbus  
 Clyde Alfred Bowman, Bensenville, Ill.  
 Stephen Saul Brand, Elmont, N. Y.  
 Terri Lynn Brobst, Canfield  
 Elaine Calabria, Steubenville  
 Jeffrey S. Criss, Steubenville  
 Kim Crump, Gahanna  
 Norma Colon Daleccio, Aibonito, Puerto Rico  
 Donna Renee DalPos, Stamford, Conn.

James Howard Davis, Richwood  
 Susan Robinson Dobbs, Columbus  
 Susan Alice D'Ooge, Worthington  
 Sharon Lee Schools Downing, Grove City  
 Tally Ann Eiler, Cincinnati  
 Patience Precious Erikeruvwe,  
 Warri, Nigeria  
 Cynthia Adele Forbes, Orlando, Fla.  
 Lewis Edmund Garlisi, Columbus  
 Judith Anne Gerdeman, Columbus  
 Cynthia Marie Gibson, Upper Arlington  
 Mitchell Howard Grant, Columbus  
 Jack Gerard Grega, Strongsville  
 Timothy Joseph Haran, Columbus  
 Matt William Hartman, Canal Winchester  
 Roger Lynn Hawkins, Germantown  
 Virginia Lynn Higgins, Columbus  
 Donald Keith Hite, Brookville  
 Judith Ann Hood, Columbus  
 Kathleen S. Hooker, Cincinnati  
 Vincent Howard Hopkins, Dayton  
 Peggy Jo Hult, Columbus  
 James Albert Hyland, Dayton  
 Charisse C. Jefferson, Columbus  
 L. Douglas Jennings, Columbus  
 Kyle L. Kiemeyer, Reynoldsburg  
 David L. Kline, Youngstown  
 Kelly Jean Koelker, Akron  
 Jill Marie Kuisel, Chardon  
 Laurie K. Lahr, Bucyrus  
 D. Bruce Lapham, Jr., Columbus  
 Thomas William Laszcz, Euclid  
 Linda L. Lawrence, Erie, Pa.  
 James R. Leach, Columbus  
 Mary Ann Lefeld, Coldwater  
 Debbie Manypenny, Beloit  
 John Allen McCardle, Cincinnati  
 Terry Ann McMaster, Brecksville  
 Peter Jon Messmer, Columbus  
 Kathy Lynne Mitchell, Akron  
 Maude M. Morris, Columbus  
 Anna Marie Muzik, Elyria  
 Russell Nathan Myers, Massillon  
 Dennis Michael Nesteruk, Ansonia, Conn.  
 Gary Lee Nicholson, Columbus  
 Kathleen Ann O'Connell, Kettering  
 Matthew William O'Halloran, Dayton  
 Natacha Otey, Columbus  
 Shirley Ann Painter, North Ridgeville  
 Chul Soo Pak, Columbus  
 Cathy Riepenhoff Parlet, Lima  
 Cynthia S. Parsons, Utica  
 Tanya Duan Penn, Cleveland  
 Scott William Phillips, Worthington  
 Cheryl Lynne Powers, Columbus  
 Dawn Marie Prus, Grove City  
 John Allen Radabaugh, Worthington  
 Robert Alan Radcliff, Columbus  
 Bruce Andrew Ramsey, Columbus  
 Deidra Laurie Ranelin, Steubenville  
 Matthew David Reddington, Jr., Dayton  
 Myron Starling Reed, Mansfield  
 Richard Henry Retter, Columbus  
 Carol Shade Rodriguez, Reynoldsburg  
 Ute B. Roetges, Mansfield  
 Carolyn Sue Russell, Solon  
 Terry Michael Ryan, Chicago, Ill.  
 Vivian Ann Schaefer, West Milton  
 Gregory B. Schwab, Highland Heights  
 Melissa Ann Shaffer, Columbus  
 Richard L. Sheahan, Upper Arlington  
 Cynthia Joseph Smith, Columbus

Thomas Herrold Smith, Zanesville  
 William Earl Swan, Columbus  
 Mindy Marie Walker, Lynchburg  
 Pamela Dianne Warrick, Newark  
 Julia Lynn Wheeler, Columbus  
 Michael Theodore Wilke, Cincinnati  
 Julie Ann Wilson, East Cleveland  
 Douglas Richard Windle, New Albany  
 Michael Joseph Wissler, Marion  
 Heidi Wormser, Shaker Heights  
 Marla Kay Zetzer, Akron  
 Connie Maureen Zinn, Grove City

### Bachelor of Science

Gwendolyn Yvonne Allen, Groveport  
 Rebecca Daniels Blanton, Pataskala  
 Timothy James Coffey, Englewood  
 Julia Ann Cordts, Columbus  
 Richard M. Crockett, Mobile, Ala.  
 J. R. Damelio, Columbus  
 Andrew Downey Debitetto, Columbus  
 Torey Le Hirsch, Buffalo, N. Y.  
 Lee Ann Holtzapfel, Ironton  
 Kevin Michael Keeley, Englewood  
 Keith Edward Kendzioraki, Brilliant  
 James Ralph Saulters, Columbus  
 Paul D. Studer, Joliet, Ill.  
 Ann N. Sutt, Mansfield  
 C. Michael Vemity, Alea, Hawaii  
 Richard Donald Watman, Columbus  
 Paul Frederick Wenning, Jr., Butler  
 Jerome Williams, Cincinnati

### School of Journalism

#### Bachelor of Arts in Journalism

John W. Acree, Columbus  
 Sheila Holt Adams, Columbus  
 Anna Marie Beaver, Bellefontaine  
 Cheryl A. Bemis, Versailles  
 Linda Joyce Camburn, Pittsburgh, Pa.  
 Patricia Lynne Carlini, Charleston, W. Va.  
 Susan Hart Cochran, Columbus  
 Susan Elizabeth Curphey, Toledo  
 Edward Enrich Benitez, Columbus  
 Amy Louise Fahnestock, Madison  
 Roy Kevin Grove, Lima  
 Marisa DelPreori Hansen, Columbus  
 Robert Harper, Upper Arlington  
 Roslyn Hierholzer-Etter, St. Marys  
 Greg L. Houston, Ironton  
 Gregory Robert Hoyeler, Columbus  
 Lynn A. Hull, Vermilion  
 Robert L. Hust, Cincinnati  
 Lisa Renee Kavanaugh, Lexington, Ky.  
 Debra A. Kornmiller, Hide-A-Way Hills  
 Richard Scott Krupkin, Shaker Heights  
 Robert Lawrence McMillan, Jr., Fairborn  
 Patricia Ann Murray, Pittsburgh, Pa.  
 Julie Ann O'Rourke, Maumee  
 Howard David Passell, Santa Fe, N. M.  
 Kimberly Jo Pinion, Reynoldsburg  
 Diane Dee Rasmussen, Dublin  
 Sandra Stafford Reckseit, Worthington  
 Cathryn Sue Retzlaff, Bexley  
 Jane Ann Schmitz, Grove City

Elliot Blair Smith, Hamilton  
 Sherry Lee Spaur, Columbus  
 Michael Paul Spieldenner, Fremont  
 Wanda Suber, Columbus  
 Mary Lisbeth Swanson, Rocky River  
 Kintlerly Ann Thomas, Whitehall  
 Annette Uhrick, Bridgeport  
 Christopher J. Vlahos, Columbus  
 Erika Luisa Wisinger, Columbus

## College of Administrative Science

Dean: H. Justin Davidson

### Bachelor of Science in Business Administration

Seraj Allali, Khorramshar, Iran  
 Richard William Allen, Gahanna  
 Daniel Stuart Alsip, Ironton  
 William Fredrick Antonick, Columbus  
 Mark William Applegett, Tiffin  
 Daniel Robert Aschman, Columbus  
 Michael Dana Aukerman, Westerville  
 Novella Bailey, Gary, Ind.  
 Joseph Kevin Bair, Van Wert  
 Celeste Jane Bavaria, Cincinnati  
 Mylinda Gail Beard, Sabina  
 Ronald Gary Bennett, Garland, Tex.  
 Scott Edward Bliss, Fairview Park  
 Avi Bogler, Jerusalem, Israel  
 Cynthia A. Boitse, Springfield  
 Stephen Dwight Booher, Xenia  
 Danny Lee Brenneman, Coshocton  
 Judy Anne Breslin, North Olmsted  
 Floyd David Buchanan, Columbus  
 Jonathan Dwain Burgess, Columbus  
 James Patrick Butler, Denver, Colo.  
 John Anthony Calvelage, Angola, Ind.  
 Veronica Jane Camp, Sandusky  
 Ray Lewis Carmichael, Columbus  
 Bruce Allan Carroll, Mentor  
 Barbara Ann Charville, Milan  
 Emily Wei Chin, Columbus  
 Brian Patrick Clark, Mt. Vernon  
 Gerald Eugene Clark, Centerburg  
 Brian Edward Coady, Columbus  
 Edward Neil Cohn, Columbus  
 Cathleen Sue Conrad, Marysville  
 Daniel Eugene Cooper, Jr., Ashland  
 Richard James Cooper, Canton  
 Bruce Lawrence Cooperman, Fort Lee, N. J.  
 Michael Jackson Corbitt, Columbus  
 Sheryl Joy Corns, Whitehall  
 Nicholas E. Covelli, Lyndhurst  
 Steven Alan Crabtree, Columbus  
 Michael Allen Cron, Columbus  
 David Thomas Crossen, Gallipolis  
 Mark Charles Cummins, Clinton  
 David W. Dalton, Columbus  
 Kevin Bradley Dagherty, Cleveland  
 Richard Allen Dengler, Parma  
 David Wayne Dern, Springfield  
 Louis B. DeTemple, Columbus  
 Jeffrey Thomas Dever, Wheelersburg  
 John Mark Dickinson, Dayton  
 Jody Lynn Distad, Chagrin Falls  
 Timothy James Dolen, Zanesville  
 Christy Lynn Dorff, Circleville



Thomas Dorinsky, Columbus  
 Craig Richard Douthitt, Dover  
 Daniel Lyn Dunbar, Columbus  
 Robert Timothy Durbin, Youngstown  
 Jan Marie Durosok, Madison, Conn.  
 Jeffrey Lynn Dutton, Columbus  
 Richard B. Ellison, Columbus  
 David Wayne Elston, Warren  
 Marcia Rae Eppy, Canton  
 Stephen Todd Ersing, Columbus  
 James Atkins Etter, Marietta  
 Charles Richard Evans, Worthington  
 Debra Kaye Evans, Lima  
 Mary Christine Fasone, Columbus  
 Deborah Joan Faulks, Rocky River  
 Nelson Leslie Feeney, Defiance  
 William Everett Fick, Chagrin Falls  
 Fred Hermon Finlaw, II, Cincinnati  
 William Mark Fischer, Tipp City  
 Richard William Fisher, Avon, Conn.  
 James Edward Fitzmartin, Columbus  
 Judith Lynn Fletcher, Prospect  
 John Charles Fox, Martins Ferry  
 Paul Richard Frankland, Youngstown  
 James Arthur Frazier, Columbus  
 Andrew Edward Fugazzi, Columbus  
 Kenneth Stephen Fulk, Columbus  
 James M. Fuller, The Plains  
 Scott William Gallaher, Kennetsquare, Pa.  
 Carlos L. Garcia, San Juan, Puerto Rico  
 David Francis Garr, Rochester, N. Y.  
 Dean Mathew Gattton, Rushville  
 Sheryl Gautschi, Martins Ferry  
 Roger Lee Gerhardt, Springfield  
 Ronald Dale Gibbons, Pickerington  
 Donald Alan Gibbs, Hillsboro  
 Stan Robert Goodburn, Columbus  
 Richard Lever Goode, Columbus  
 David Thomas Graham, Kent  
 Jeffrey Alan Greene, Gahanna  
 R. Martin Griffith, Vandalia  
 Terrence Brian Guinta, Brecksville  
 Terrence Bishop Haas, Holland  
 James William Halliday, Jr., Heath  
 Victoria M. Handshy, Worthington  
 Cynthia A. Harp, Columbus  
 Stephen Harsnett, Cincinnati  
 Loman H. Hartley, Whitehall  
 Steven Donald Hartshorn, Columbus  
 Harold Samuel Hawks, III, Marion  
 Mary Susan Hayes, Columbus  
 Laurie Ann Heckel, Warren  
 Jeffrey Manning Heilbrun, Cincinnati  
 Michael F. Heine, Columbus  
 Thomas Joseph Heller, Worthington  
 Roc Earl Herpich, Galion  
 Steven Devere Hershey, Columbus  
 Michael Steven Hirsch, Columbus  
 Fredrick Mark Hisson, Romulus, N. Y.  
 Scott M. Holmes, Ashland  
 Charles Benjamin Huiss, Groveport  
 Bruce C. Hurley, Northport, N. Y.  
 Sherry Sue Huss, Elyria  
 John Hiram Hutchings, Fremont  
 Louis Jay Innenberg, Cleveland Heights  
 Robert Irwin Jackson, Dayton  
 Johanna F. Jaggard, Chillicothe  
 Sharon Marie Johnson, Indianapolis, Ind.  
 Cynthia Lou Jones, Orwell  
 Bruce Edward Koenig, Powell  
 Kurt William Koett, Dayton  
 Louis John Krause, Cincinnati  
 Stephen P. Kuebler, Tiffin  
 Michael Andrew Kunkler, Bexley  
 Sheri Jane Lacorte, Columbus  
 Kirk Richard Lamagna, Allison Park, Pa.  
 Thomas Richard Laymon, Columbus  
 Chang Joo Lee, Columbus  
 Carla Lindsey, Columbus

Richard James Lonske, Whitehall  
 Siew Hoon Love, Columbus  
 Jack Martin Love, Youngstown  
 Susan L. MacLaren, Westerville  
 Bradley Mercer Manly, Columbus  
 John Rene Marshall, Columbus  
 Karen Evelyn Marx, Columbus  
 Cynthia L. Mathes, Worthington  
 Robert Allan May, New York, N. Y.  
 Jeffrey M. Mazer, Newburgh Heights  
 Irwin Lee McAuley, Perrysville  
 Grace M. McBride, Washington, D. C.  
 Michael Ashton McCollough, Columbus  
 Diane Lynn McDonald, Louisville  
 Carl Michael McGillivray, Parma Heights  
 Kyle Robert Mercer, Columbus  
 Richard M. Mershad, Dayton  
 Jeffrey Joseph Metzger, Columbus  
 Janis Marie Meyer, Columbus  
 Mark Edward Meyers, Grove City  
 Nick Tony Minovets, North Royalton  
 John Randal Moldovan, Lorain  
 Susan Leigh Mong, Newark  
 Timothy Scott Montgomery, Clyde  
 Yolonda Denise Murph Montgomery, Columbus  
 Timothy Grant Moore, Washington, D. C.  
 Robert Eugene Mundell, Columbus  
 Thomas W. Murphy, Cuyahoga Falls  
 Richard Watkins Myers, Pataskala  
 Robert Allen Myers, Miamisburg  
 Patrick Joseph Nash, Kent  
 George William Nugent, Columbus  
 Daniel Brent Oliver, Shreve  
 Ronnie Eugene Orr, Washington C. H.  
 Charles Bishop Owen, Jr., Grove City  
 Anthony G. Orzano, Columbus  
 Stephen William Palay, Beachwood  
 Kevin Keith Parkhill, Thornhill  
 James Russell Paxson, Fremont  
 Mark Alan Petry, Galena  
 Daniel John Petsche, Brecksville  
 William Martin Plank, Columbus  
 Scott Michael Potttinger, Gahanna  
 Paul P. Ragias, Zanesville  
 Robert William Resnick, Columbus  
 Earle W. Richardson, Columbus  
 Michael L. Rivers, Chapel Hill, N. C.  
 James Rees Robinson, Columbus  
 Steven Paul Romaniw, Grove City  
 Holly Reeve Rose, East Rochester, N. Y.  
 Dianne Lee Rouch, Columbus  
 John Robert Rouse, Newport  
 Deborah Jean Schaeper, Columbus  
 Douglas Lee Schiefer, Canton  
 Daniel Steven Schneider, Columbus  
 Robert Alvin Schultz, Grove City  
 Ronald Alan Seckel, Marion  
 Marcel A. Silver, Beachwood  
 James Joseph Simcoe, Jr., Orient  
 John Carroll Skidmore, Marysville  
 Geoffrey Stephen Slachta, Cincinnati  
 David Lance Slaughter, Coshocton  
 Frank Martin Smith, New Philadelphia  
 Frederick Miles Smith, Dayton  
 Randall Raymond Smith, Mission Viejo, Calif.  
 Mark Shane Snodgrass, Columbus  
 John Tobin Sowder, Centerville  
 Dale Alan Squires, Columbus  
 Pamela Kay Stegman, Columbus  
 Philip Andrew Stegmann, Columbus  
 Michael Dale Stemen, Columbus  
 Gary Michael Stentz, Columbus  
 Renee Lee Stone, Columbus  
 Christine Mary Streng, Columbus  
 Anthony James Swary, New Bavaria  
 Timothy James Swingle, Roseville  
 Matthew Stone Swysgood, Galena

James J. Tamulonis, Columbus  
 Elizabeth Larkin Taylor, Greenville, S. C.  
 David Scott Terry, Mansfield  
 Don Allen Thomas, New Albany  
 Dennis Glenn Thornbloom, Columbus  
 David Allan Tibbitts, Marion  
 William J. Tomko, Euclid  
 Harry Haralambos Totonis, Columbus  
 Bruce George Trimbur, Richmond  
 Harrison Dean VanCamp, Jr., Hebron  
 John R. Vandemark, Columbus  
 Brent Eugene Vincent, Mt. Sterling  
 John Lawrence Voorhis, Westerville  
 James Bruce Walton, Niles  
 Dennis Mark Warne, Mansfield  
 Mary Patricia Webb, Salem  
 Anita G. Weber, Lima  
 Kevin Ray Weber, Dover  
 Jeffrey Ross Weekley, Shadyside  
 William W. Wehr, Jr., Steubenville  
 David J. Wessels, Cincinnati  
 William Robert Wetzel, Jr., Rocky River  
 Jeffrey Scott Whiteus, Columbus  
 Theodore Franklin Wiegling, Ft. Jennings  
 Margaret Ann Wiles, Payson North, Ark.  
 Kevin Anthony Williams, Chillicothe  
 Charles Wayland Wilson, Gahanna  
 Stephen Charles Wise, Mt. Vernon  
 Brent William Wright, Columbus  
 Annette Yvonne Zak, Dayton

## Bachelor of Science in Labor and Human Resources

Timothy Alan Banks, Columbus  
 Toni Lee Barlow, Chillicothe  
 Susan Lenore Culp, Irontdale  
 David Alan Ison, Milford  
 Scott Kenneth Richards, New Lexington  
 Steven Michael Strizak, Bellaire  
 Daniel Gray Wetzel, Mansfield

## College of Agriculture and Home Economics

Dean: Roy M. Kottman

### Bachelor of Science in Agriculture

Rosalyn Jean Anderson, Englewood  
 Sue Ellen Bailey, Prospect  
 Charles Michael Banbury, Glenmont  
 Alvera Angela Beining, Miller City  
 Marsha Kim Bloyer, Ripley  
 Roger William Borer, Grand Rapids  
 Jacqueline J. Brokaw, Ashley  
 Donald Joseph Brown, Aurora  
 Jay Sterling Clutter, Celina  
 Susan Elizabeth Cole, Dayton  
 Douglas Michael Conine, Fostoria  
 Gary Robert Conklin, Plain City  
 Thomas William Cooperider, Croton  
 Rhonda Jean Deardorff, Bellefontaine  
 Diane Kay Defer, Hudson  
 Dean Alan Diefenthaler, Oregon  
 Scott Allen Donaldson, Carrollton  
 Gerry Lynn Dudick, Medina  
 Walter Earl Fetzer, Wooster  
 Carol Anne Flanagan, Parma  
 Smitty Ray Gayheart, Galena  
 Michael Alan Gerber, Sabina

David Edward Griest, Columbus  
 Genevieve Ruth Groves, Dayton  
 Dwane Robert Grubb, Columbus  
 David Lee Haie, Galena  
 George Michael Hamrick, Circleville  
 Anne Hawranick, Milford  
 Martin Keith Hayes, Kirkersville  
 Michael Jacob Hensler, Guysville  
 Walter Henry Jewell, Centerburg  
 Brenda Gail Jones, Portsmouth, Me.  
 Joaquin Murietta Jordan, Patriot  
 June Margaret Keppler, Independence  
 Donald Robert Kill, Spencerville  
 Lawrence Walter Kinkopf, Columbus  
 H. Christopher Knott, Columbus  
 Douglas Andrew Kohli, Lima  
 Elizabeth Mary Krantz, Amherst  
 David Brian Kuhlman, Dayton  
 Brent Edward Lawler, Highland Heights  
 Gregory Thomas Letsche, Kettering  
 Dennis Eugene Long, McClure  
 Elizabeth Ann Long, Columbus  
 Ronald Bennett Majors, Williamsport  
 James Phillip McKenzie, Gallipolis  
 Craig Thomas Mercer, Columbiana  
 Marianne Agnes Metzger, Shelby  
 Carl Gerard Mickley, Howard  
 Sarah Ellen Moor, Columbus  
 Michael Wayne Moore, Holgate  
 Wendell Scott Notziger, Archbold  
 Kevin David Oberholzer, Ashland  
 George Kelly O'Brien, Powell  
 Michael Pelcic, Cleveland  
 Lewis Raymond Piergallini, Dillonvale  
 William Knox Price, III, Fredericktown  
 Mark William Rawlins, Caledonia  
 Paul Shane Reamer, Minerva  
 Rodger Allen Ressa, Whitehall  
 Stephen Paul Rider, Columbus  
 Jaynelee Mildred Roberts, Johnstown  
 Maria Ann Roberts, Morral  
 Steven William Robinson, Cleveland  
 Michael Joseph Roche, Willow Wood  
 Henry Richard Sall, Hopedale  
 Jeffrey Allen Schneider, Blacklick  
 Gary Joseph Selhorst, Columbus Grove  
 Joan Sico, Long Branch, N. J.  
 Elaine Robin Smith, Pataskala  
 David Joel Spittler, Tiffin  
 Richard Alan Stahl, Groveport  
 Susan Leigh Stanton, Columbus  
 Christopher Albert Stepánek, Northfield  
 John Scott Stover, East Liverpool  
 Carolyn Louise Townsend, Mansfield  
 James David Ulicky, Parma  
 Joel E. Vanderglas, Springfield  
 Laura Annette Varhola, Garfield Heights  
 Mary Ellen Wagner, Sidney  
 Michael David Wallace, Columbus  
 Robert C. Ward, Toledo  
 Linda Kay Webb, Ashland  
 Gary Lynn Weeks, DeGraff  
 James Joseph Werner, Centerville  
 Jeff Allen Williams, Circleville  
 Patrick Francis Youngpeter, Findlay  
 Lexie Marie Zenz, Liberty Center  
 Stephen Lynn Zook, St. Paris

## Bachelor of Science in Food Science

Richard Brian Brucker, Amherst  
 Austin Richard Long, Amlin

## Bachelor of Science in Food Technology

Antonia Perez, Milford Center  
 Linda Marie Siefker, Miller City  
 Daniel Joseph Wampler, Bellbrook

## School of Home Economics

### Bachelor of Science in Home Economics

Roxane Margurite Arbogast, McComb  
 Charlene Barron, Beachwood  
 Judy Ann Binoeder, Dayton  
 Margaret J. Black, Worthington  
 Debra Anne Bock, Solon  
 Laura Bonnie, Columbus  
 Karla Koo Brubacher, Columbus  
 Judith N. Burian, Lancaster  
 Theresa Jane Colopy, Peebles  
 Cynthia M. Curtner, Columbus  
 Marie Kathryn Duellman, Columbus  
 Carolyn Suzanne Esmond, Columbus  
 Beverly Lynn Evanko, Rocky River  
 Belinda Sue Fee, Circleville  
 Elizabeth Lee Fisher, Columbus  
 Sharon Lynn Fladt, Gahanna  
 Barbara A. Flynn, Columbus  
 Mary Paul Gagliano, Dayton  
 Valerie Kay Giannetti, Portsmouth  
 Sally Kay Grandstaff, Columbus  
 James Edward Griffin, Warren  
 Laura Ruth Grismer, Cincinnati  
 Elizabeth Ellen Hagy, Huron  
 Nancy Jean Hannhals, Marietta  
 Mary Kathryn Henkener, New Knoxville  
 Roberta Kay Hoelzer, Medina  
 Becky Elizabeth Hofer, Homeworth  
 Barbara Jane Houston, Gambier  
 Karyn Insko, Columbus  
 Lynn Ellen Jernberg, Cincinnati  
 Ruth Ann Johnson, Johnstown  
 Katherine Kirk, Westerville  
 Diana Renee Bluhm Kinchler, Columbus  
 Cynthia A. Krummel, Cincinnati  
 Martha L. Kukulka, Columbus  
 Ellen Louise Lau, Lebanon  
 Dixie Lee Lauer, Powell  
 Eileen Jean Lemmerbrock, Kenton  
 Deborah Sue Lugo, Dayton  
 Beth Ann Michael, Urbana  
 Joni Lynn Oelrich, Willoughby  
 Patricia Diane Peters, Columbus  
 Eunice Inez Petty, Columbus  
 Teresa S. Pleasants, Dublin  
 Jane Robenalt, Dublin  
 Cheryl Lee Rothenberg, South Euclid  
 Elaine Ruth Ruffing, Shaker Heights  
 Kathleen Bidwell Schalk, Tiffin  
 Theresa Ann Sims, Columbus  
 Sherri P. Soble, Springfield  
 Helen Leland Speyer, Columbus  
 Tammarra K. Strawser, Amlin  
 Sharon Marcia Temple, Akron  
 Barbara Anne Waken, North Canton  
 Ava Lynn Zoltai, Elyria

## Bachelor of Science in Restaurant Management

Mark Elliot Leidheiser, Columbus  
 Steven Matthew Steidle, Cincinnati

## School of Natural Resources

### Bachelor of Science in Natural Resources

Lisa Lee Anderson, Kettering  
 Marilyn Kay Armstrong, Springfield  
 Barbara Ann Bauer, Ripley  
 Curtis Charles Beach, Cuyahoga Falls  
 Brian Jay Blair, Columbus  
 Jeff Robert Boester, Columbus  
 Martin Matteson Bostwick, Cincinnati  
 David Andrew Clark, Columbus  
 Stephen Douglas DeRosa, Salem  
 Kevin Frank Downer, Columbus  
 Roger Edward Dubuc, Milan  
 Stewart Lee Flowers, Columbus  
 Scott Alan Fratianna, Lyndhurst  
 Joseph Carl Funk, Marietta  
 Stephen Scott Gruner, Gibsonburg  
 William Norman Haas, Maple Heights  
 Stephen Joe Hathaway, Huntsville  
 Michael A. Hensley, Wakeman  
 Lisa Ann Johnson, South Orange  
 Diane Louise Kennedy, New Madison  
 Frederick John Krauss, Saginaw, Mich.  
 Martin Alan Kubilus, Akron  
 Thomas G. Lagucki, St. Clairsville  
 Thomas John Lasko, Winsted, Conn.  
 Joseph Cornelius Lawson, Chillicothe  
 Frank Dominic Luppino, Medina  
 David Resley May, Akron  
 Mike Messel, Akron  
 Cynthia Gayle Morrison, University Heights  
 Gregory Alan Morrow, Davison, Mich.  
 Joy Lynn Myers, East Palestine  
 Steven George Oakes, Columbus  
 Judith Margaret Page, Worthington  
 Tammy Lynn Pritchard, Medina  
 Gordon Eric Schick, Marion, Ind.  
 Karl Friederich Schick, Richmond Heights  
 Lisa Annette Smith, Yellow Springs  
 Brigita Sandra Spuigis, Columbus  
 Timothy Wade Stevenson, Canton  
 Mark David Szabo, Hudson  
 Vicki Ann Valentine, Columbus  
 William George Weber, Columbus  
 William Jeffrey West, Newark

## Agricultural Technical Institute-Wooster

### Associate in Applied Science

Thornton Dixon Adams, Jr., Hickory, N. C.  
 Chris Alan Baightel, Lakewood  
 Cheryl Ann Boone, Medina  
 John Scott Brezo, Garrettsville  
 William Leonard Bruhn, Massillon  
 David Wright Day, North Canton  
 Jason Jay Diver, Waterville  
 Lori Eaton, Bay Village

Paula Jean Harrison, Canton  
 Eric Joseph Himmelman, Euclid  
 Lee Anderson House, Wooster  
 Jeffrey Dale Kauffman, Wooster  
 Raymond John Koren, Wooster  
 Jeffrey Lee Lechner, Chesterland  
 Daniel Gerard Longstreth, Zanesville  
 Douglas Lee McDorman, North Lima  
 Michele Mary Murphy, Medina  
 Robin Gay Richardson, Loudonville  
 Christine Mary Sample, Antwerp  
 Kathy Jo Schroeder, Bradner  
 Ronnie Earl Tisdal, Creston  
 Lonnie Ray Totten, Walhonding

Peggy Ann Burson, Columbus  
 Ellen Louise Butler, Newark  
 Charles T. Caprino, Jr.,  
 East Hartford, Conn.  
 Virginia Kalliope Charnas, Warren  
 Sindi Joy Cohen, Beachwood  
 Kathleen Ann Cook, Mayfield Heights  
 Karen Sandra Cook, Columbus  
 Timothy Paul Corral, Columbus  
 Richard Walter Dahn, Jr., Columbus  
 Cynthia Kessler Davidson, Lima  
 Janelle Joann Davis, Newark  
 Laura Jean Lofgren Davis, Columbus  
 Carol Lynn Dawson, Newark  
 Stephen Scott Deedrick, Grove City  
 James Franklin Delong, Enon  
 Mark Steven Dempsey, Dayton  
 Laura L. Dotson, Lima  
 Cindy L. Douglas, Marietta  
 Glenn Allan Ebright, Pickerington  
 Tony Lee England, Findlay  
 Melissa Ann Erdenberger, Lucas  
 David Anthony Erhard, Newark  
 Linda K. Fanus, Gardners, Pa.  
 Christopher Fecteau, Dayton  
 Judy Kay Fergus, Bokins  
 Ginger Lee Ferguson, Marion  
 Glenn Robert Fessler, Columbus  
 Judith Doris Figel, Woodsfield  
 Sally Ann Finissi, Columbus  
 M. William Forquer, Columbus  
 Allan Franklin Foster, Columbus  
 B.A.

Stacey Ellen Fox, Beachwood  
 Deborah A. Frederick, Lima  
 Rose Marie Gallagher, Brookpark  
 Dorothy Craggs Gordon, Marysville  
 John Stuart Greendyke, Columbus  
 Kenneth Edward Grooms, Galena  
 Joseph Mark Guddemi, Mansfield  
 Jill Louise Gurr, Marion  
 Phyllis J. Halston, Columbus  
 Gregory Davis Hartman, Columbus  
 Debra K. Hassan, Wooster  
 Janet Beane Heckenbauer, Bucyrus  
 Nelson Edward Hess, Newark  
 Scott David Hill, Fairport Harbor  
 Rick Ernest Hobbs, Gallipolis  
 Julia Ann Holers, Napoleon  
 Elbert L. Holmberg, Newark  
 Thomas Conrad Howard, Westchester  
 Kathy Lynn Huffman, Findlay  
 Maureen Theresa Hurley, Columbus  
 Martha Jane Irwin, Columbus  
 Laura Ann Jansen, North Olmsted  
 Carol Sue Johnson, Toledo  
 Mary Ellen Kalvakis, Columbus  
 Beth Ann Katterhenrich, Grove City  
 Gilda Ruth Katz, Beachwood  
 Margie Ellen Keith, Dayton  
 Terence P. Kelly, Columbus  
 Gerald Allen Kincaid, Jr., Groveport  
 Carol Lynn Kircher, Worthington  
 Mark Aaron Knutsen, Mingo Junction  
 Leslie Anne Koethe, Lorain  
 Audrey Lucille Lauf, Lima  
 Mary Ann Lefeld, Coldwater  
 Deborah Lynn Legg, Columbus  
 Kimberly Kay Light, Bucyrus  
 David Samuel Lipkin, Akron  
 Kathy Jo Long, Marion  
 Barton Louis Lown, Columbus  
 Raye Ann Marker, Mansfield  
 David Lloyd Martin, Portsmouth  
 Susan Linda Massa, Lexington  
 David Alan Mauger, Pataskala  
 Kathleen Marsha McAdams,  
 Panama City, Fla.

Nancy Ellwin McCormick, Columbus  
 Deborah Jane Mihalik, Stratton  
 Kathleen P. Miller, Columbus  
 Dennis Keith Mitchell, Delaware  
 Mary Lou Miu, Mansfield  
 Beth Ann Montalto, Newark  
 Carol Joan Moury, Marion  
 Kathleen Ann Mullooly, Bay Village  
 David Michael Murray, Reynoldsburg  
 Rosemary Margaret Myers, Columbus  
 Karen Sue Nash, Galloway  
 Philip Netti, Wellsville  
 John Douglas Nutt, Sunbury  
 Tamara Kaye Offenkaker, Newark  
 Lawrence O'Rourke, Worthington  
 Judith Margaret Page, Worthington  
 Holly Anne Perin, Cincinnati  
 Sherry Leigh Peterson, Dayton  
 Myron Lee Pollard, Columbus  
 Michele Stewart Puckett, Columbus  
 Deborah Ann Pugh, Columbus  
 Susette C. Horton Putman, Delaware  
 Karen Diane Radtke, Columbus  
 Gary Allen Ramin, Columbus  
 Kimberly Anne Rankin, Marietta  
 Philip Thomas Raterman, Dayton  
 Stanley Kimmelman Ray, Grove City  
 Carol Jane Riedmiller, Marysville  
 Lori Anne Rimar, Columbus  
 Marc Leighton Ring, Woodsfield  
 Barbara Anne Robinson, Columbus  
 Beverly Jean Rogers, Columbus  
 Stephanie Jo Rotsky, Beachwood  
 Lisa Anne Rugh, Grove City  
 Dean Edward Sampsell, Sandusky  
 John Louis Sanders, Circleville  
 William Douglas Sattler, Mineral City  
 Diane Sellers Scaggs, Columbus  
 Kymberly Ann Schneider, Cincinnati  
 Karen Lynn Schuman, Granville  
 Douglas Duran Shaffer, Columbus  
 Kimberly Ann Shambro, Mansfield  
 Ann Marie Shanklin, Cincinnati  
 Edward C. Showman, Ottawa  
 Robin J. Sisson, Columbus  
 Van Skinner, Clarksburg  
 Betty West Slade, Columbus  
 Karen S. Sowers, Reynoldsburg  
 Susan McGuire Stewart, Columbus  
 Marla Anne Stickler, Columbus  
 Karen Joy Stovsky, University Heights  
 Julia Lee Strohacker, Newark  
 Daniel Lee Swiger, Sidney  
 Mattie Thomas, Columbus  
 Kay Johnson Thompson, Columbus  
 Jean M. Tingley, Columbus  
 B.S.

Gwendolyn Sue Trempert, Columbus  
 Kathryn Marinda Vaughn, Marion  
 Beth Borden Vetter, Portsmouth  
 David John Weaver, Mansfield  
 Ellen Kay Wenzelberger, Worthington  
 Kelli Ann Whapham, North Canton  
 Laura Wiedemann, Marion  
 Jeffrey Eugene Wills, Nashport  
 Diane Kay Wilson, London  
 Stephen Wilson, Newark  
 Roberta K. E. Winkle, Mansfield  
 Christine Anne Harry Wisener, Lima  
 Kimberly Dee Wrightsel, Chillicothe  
 Cynthia Lynne Young, Columbus  
**Bachelor of Art Education and  
 Bachelor of Music Education  
 degrees are offered jointly by the  
 College of the Arts and the  
 College of Education.  
 Candidates are listed under  
 College of the Arts.**

## College of Dentistry

Acting Dean: William R. Wallace

### Doctor of Dental Surgery

Robert Stephen Asch, Lorain  
 B.S.  
 Joel Mark Cohen, Columbus  
 B.S.  
 Mark Alan Freeman, Perrysburg  
 B.A. (University of Toledo)  
 William Oliver Semans, Sandusky  
 B.A. (Wittenberg University)

### Certificate of Graduate Dental Hygienist

Christine Ann Johnson, Urbana  
 Laure Lee Marcellus, Rumson, N. J.  
 Laurie Jeanne McCleskey, North Canton

## College of Education

Dean: Robert A. Burnham

### Bachelor of Science in Education

Charles H. Adams, Mt. Sterling  
 Stephen Alton Adams, Delaware  
 Theresa Hecker Allen, Columbus  
 John Robert Arnold, Columbus  
 Clara Oatman Ashcraft, Newark  
 Richard Newberry Barbree, Jr., Columbus  
 Elaine Marie Barnes, Billerica, Mass.  
 Kimberly Marie Barnhart,  
 White River, S. D.  
 Michael James Barton, Avon Lake  
 Lucinda Charline Bartow, Columbus  
 Amy Marie Bates, Reynoldsburg  
 Elyse Harriet Berman, Steubenville  
 Mary Lisa Black, Newark  
 B.A.  
 Martin Michael Bradshaw,  
 Broadview Heights  
 Ann Louise Brauer, Columbus  
 Herbert E. Brown, Skippers, Va.  
 B.S. (Virginia State College)  
 Mark Alan Brown, Lebanon  
 Patti Ann Brown, Grove City  
 Bryan Keith Bumgarner, Richmond  
 Karen Lou Burns, Plain City  
 Sharon Sue Burns, Plain City

## College of Engineering

Dean: Donald D. Glower

### Bachelor of Science in Aeronautical and Astronautical Engineering

Thomas Daniel Costello, Columbus  
Thomas J. Smeeks, Burke, Va.

### Bachelor of Science in Agricultural Engineering

Richard Michael Melvin, Westlake

### Bachelor of Science in Ceramic Engineering

Scott Sager Campbell, Mansfield

### Bachelor of Science in Chemical Engineering

Carlos Eduardo Aguilera Cracchiolo,  
Acarigua, Venezuela  
Anthony Angelo Dattilo, Brook Park  
Chris U. Ekeuku, Port Harcourt, Nigeria  
Edward George Farah, Warren  
George Joseph Krieski, Cleveland Heights  
Wilmer Rafael Ramirez Semeco,  
Edo-Falcon, Venezuela  
Robert John Strack, Dayton

### Civil Engineer

Ahmed Mohammed Said, Safad, Palestine

### Bachelor of Science in Civil Engineering

Mohammed Muhammed-Sa'id Basrawi,  
Jedda, Saudi Arabia  
William Joseph Bennett, Philadelphia, Pa.  
Bruce William Berdanier, Shelby  
Ronald Allan Calhoun, Columbus  
David M. Cleary, Fairport Harbor  
Carl Timothy Fallara, Columbus  
Thomas Brian Irvine, Reynoldsburg  
Leslie Howard Kanuckel, Brinkhaven  
Stephen Michael Kayatin, Norwalk  
Craig Louis Kossuth, Berea  
Timothy Patrick Lollo, Heath  
LeRoy Edward Mault, Jr., Westerville  
Brian Lee Mitchell, Parkersburg, W. Va.  
James Robert Morris, Columbus  
Paul George Novak, Hubbard  
Jeffrey Scot Schira, Columbus  
Larry Jerome Searight, Lorain  
John Crawford Shanks, Reynoldsburg  
Catherine Colleen Stokes, Heath  
Jawed Umerani, Karachi, Pakistan  
Karl Henry Winterstein, Columbus

### Bachelor of Science in Computer and Information Science

John Randall Blackwood, Springfield  
Aboltaz L. Sepahban, Columbus

### Electrical Engineer

Chaiyoth Sruckosit, Bangkok, Thailand

### Bachelor of Science in Electrical Engineering

Endre Maximilian Berez, Ft. Lauderdale, Fla.  
Donald Frederick Boyd, Syracuse, N. Y.  
Karla Koschmann Byrnes, Columbus  
Charles John Coogan, Worthington  
Glenn David Crabtree, Columbus  
Philip Anthony Dudek, Alliance  
William Michael Edwards, Columbus  
Bethanne Friedman, Columbus  
David Francis Fritz, Huntsburg  
Daniel Glover, Bay Village  
Daniel Joseph Halm, Columbus  
Kent Russell Hamon, Lexington, Ky.  
Eric William Johnson, Washington C. H.  
James Richard Linthicum, Columbus  
José Richardo Macian, Columbus  
Manu Mehta, Hayward  
Robert Karl Oelsner, Columbus  
Stephen Mark Powell, Westerville  
Eric Alan Ribble, Beverly  
Ronald Allan Sasaki, Chesterland  
Paul Alexander Steve, North Olmsted  
Keith L. Snyder, Pandora  
Josef Martin Szuecs, Elyria  
Vincent T. Tat, Columbus  
Kenneth James Walcott, Dayton  
David Raymond Weihrauch, Hilliard  
Lynn Marie Weller, Columbus

### Bachelor of Science in Industrial and Systems Engineering

Sally Ann Agnew, Youngstown  
David Wells Cammarn, Columbus  
Sean Michael Crowley, Fairview Park  
Gary Marsh Galloway, Columbus  
Howard Alton Hartley, Jr., Columbus  
Karl Aaron Heidrich, Columbus  
Rolf James Ozamiz, Columbus  
Patricia Goecke Potts, Columbus  
Michael David Praelux, Dayton  
Karen Fitch Schiltz, Columbus  
Gregory Schmidt, Lyndhurst  
Mitchell Scott Tayse, Columbus

### Bachelor of Science in Mechanical Engineering

Kenneth David Cardina, Akron  
Chris William Cienas, Madison  
Mark Allen Dedow, Warren  
James Mark Demsky, Columbus  
Daniel Mark Duellman, Mansfield  
Glenda Joette Gmitter, Waterville  
Mark Clark Hamilton, Columbus  
Donald Wayne Harper, Westlake  
Dennis Merrill Kotz, Sandusky  
Douglas Joseph Petonke, Fremont  
Michael Carl Ritter, Libertyville, Ill.  
Clemence Gregory Schilling, Newark  
Jerry Ray Searfoos, Columbus  
Linda Marie Sestito, Columbus  
Verlin LeRoy Shroyer, Marion  
Joseph Paul Strzelecki, Lorain  
Joseph Edward Uhrinek, Jr., Dunedin, Fla.  
Bradley Gene Welch, Seven Hills

### Bachelor of Science in Surveying

Ronald Allan Calhoun, Columbus  
Charles Montgomery Tucker, Cincinnati

### Bachelor of Science in Welding Engineering

Warren Kenneth Applegarth, Columbus  
Barton Kipp Hall, Newcomerstown  
Robert Edward Hetzendorfer, Depew, N. Y.  
Peter Michael Mahoney, Columbus  
Maggie Sue Pittman, Cincinnati  
Gary Edward Trewiler, Coshocton

## School of Architecture

### Bachelor of Science in Architecture

Glenn Wendel Cope, Findlay  
Christopher Joseph Heasley, Columbus  
Linda Ann Holveck, Circleville  
Stephen Michael Luchtenberg, Bexley  
Barbara Louise McCarthy, Hudson  
Daniel Robert Pickett, Columbus  
Bryan Evan Westgate, Avon

### Bachelor of Science in Landscape Architecture

Steven Alan Bennet, Cincinnati  
David Michael DeFiebre, Worthington

## College of Law

Dean: James E. Meeks

### Juris Doctor

Katherine Martha Bigler, Columbia Station  
B.A. (Northwestern State University of Louisiana)  
Stephen Jay Bowshier, Grove City  
B.A.  
Joseph Henry Brockwell, Cambridge  
B.A.  
Robert Thomas Burda, Dayton  
B.S. (University of Dayton)  
Donald Kenneth Byrnes, Columbus  
B.S.  
Frederick John Caspar, Dayton  
B.S. (Wright State University)  
Mary Frame Coridan, Columbus  
B.S.  
Peter Anthony Danis, Kettering  
B.S. (University of Dayton)  
Michael James Hosler, North Baltimore  
B.S. (Bowling Green State University)  
Mary Guadalupe Kirchner, Columbus  
B.A. (Manhattanville College);  
M.S. (University of North Carolina)  
Steven Charles Mayer, Alliance  
B.S. (Kent State University)  
Denise Adele Herman McColley, Napoleon  
B.S., M.E. (Bowling Green State University)  
Alan James Miller, Westerville  
B.S.  
Benjamin Franklin Parks, Columbus  
B.A., M.A.  
Joseph Leroy Richardson, Hillsboro, N. C.  
B.S. (A. and T. College of North Carolina);  
M.S., Ph.D. (Cornell University)  
Steven H. Schreiber, Columbus  
B.A., M.A.

John Robert Slater, Gahanna  
B.A.  
Lee Ann Smith, Mishawaka, Ind.  
B.S. (Ball State University)  
Percy Squire, Youngstown  
B.S. (Ball State University)  
Joan Bonnie Swigert, Columbus  
B.S. (Miami University)  
Michael Robert Thomas, Cincinnati  
B.A. (Capital University)  
Mark Alexander Tuss, Dayton  
B.A. (University of Dayton)  
Janice Wilz Wise, Columbus  
B.S. (University of Illinois); M.A.

## College of Medicine

Acting Dean: Manuel Tzagournis, M.D.

### Doctor of Medicine

Henry Clay Blakeman, Jr., Portsmouth  
B.S. (University of Cincinnati)  
John Carl Gurley, Fairport Harbor  
B.S.  
William Robert Hartnagel, Orrville  
B.S.  
Kim Richard Nicola, Columbus  
B.A.  
Laura Hannah Rocker, Shaker Heights  
B.A. (University of Rochester)  
Marty Maria Salas, Springfield, Mo.  
B.S.  
Bruce W. Spring, Canton  
Sc.B. (Brown University)  
John Leslie Tatman, Washington C. H.  
B.A. (Earlham College)  
Jeanne M. Vinsel, Wadsworth  
B.A. (Kent State University)  
Robert Mark Webb, Marion  
B.S.

### School of Allied Medical Professions

#### Bachelor of Science in Allied Health Professions

Michael Scott Axel, Beachwood  
Cheryl Diane Barton, Lima  
Sue Ann Bussey, Amelia  
Terri Sheller Bissell, Twinsburg  
Linda Diane Butcher, Columbus  
Deborah Florence Clarke, Columbus  
Karen Kaiser Eifert, Hamilton  
Deborah Jean Feko, Solon  
Sally Jane Flohr, Cincinnati  
Diane Susan Fox, Lima  
Sandra Driskell Greene, Batavia  
Regina Marie Grywalski, Byesville  
Nancy Marie Handwerk, Columbus  
Sara Anne Herminghauser,  
Upper Arlington  
Susan Ellett Herrnstein, Chillicothe  
Gay Laurie Himelright, Sullivan  
Maureen Ranz Jennings, Cincinnati  
Ellen Grandon Jewell, Hilliard  
Linda Jean Kobel, Farmington, Mich.  
Pamela Sue Kobelt, North Canton  
Donna Marie Kortyka, Cleveland  
Susan Marie Lennon, Worthington

Kay Ann Linville, Columbus  
Susan Marie Long, Logan  
Marcia Ann Loos, Coshocton  
Susan Dignan Mack, Cleveland  
Pamela Kaye Marshall, Springfield  
Sue Ann Mulholand, Columbus  
Debra Kaye New, Columbus  
Deborah Anne Ooten, Columbus  
Karen Reichers, South River, N. J.  
Julie Ann Reinemann, Xenia  
Natalie Diane Rhodes, Willowick  
Sandra Kay Ruffini, Uhrichsville  
Sharon Marie Russell, Mansfield  
Carol Frels Salvesen, San Antonio, Tex.  
Mary Ann D. Schafer, Norwalk  
Kathy Watrous Shuel, Cincinnati  
Kathryn Carol Stroth, Avon Lake  
Elizabeth Ann Tonn, Kettering  
Cheryl Ann Uehlein, Cincinnati  
Susan Ann Weiss, Shaker Heights  
Donice Marshall West, Marion  
Joanne Miriam Wile, University Heights  
Lynn Ann Wilson, Munroe Falls  
Sandra Lynn Wittebert, Columbus  
Brenda Kay Wright, Athens  
Renee Louise Ziegler, Youngstown

### School of Nursing

#### Bachelor of Science in Nursing

Joanne Ruth Ecos, Tiffin  
Mary Kathleen Fischer, Waynesboro, Pa.  
Susan Marie Heiner, Piqua  
Mary Zvirblis Jerome, Worthington  
Diane Lynn Landrum, Chillicothe  
Susan Anne Leach, Cincinnati  
Linda Lee Lonsinger, St. Louisville  
Ella Brown McMahon, Chillicothe  
Aida Antanina Maurukas, Elyria  
Connie Davis Rowlands, Worthington  
Diane Catherine Steiner, Strongsville  
Kris Ann Thomas, Euclid  
Deborah Jo Wiley, Lodi

## College of Pharmacy

Dean: Albert H. Soloway

#### Bachelor of Science in Pharmacy

Karen Sue Armistead, Cuyahoga Falls  
Mary Denise Dean, Columbus  
David Scott Herrmann, Cincinnati  
Sally Jean Hufty, Lucasville  
Richard Paul Jones, II, Portsmouth  
Robert Joseph Kuhn, Caldwell  
B.A. (College of Steubenville)  
William Emmett Leahy, Akron  
Richard Niel Mason, Columbus  
Dan Edward May, North Olmsted  
DeLinda Spillman McDaniel, Columbus  
Sharon Ann Redman, Jamaica, N. Y.  
Martin Eugene Ruehle, Findlay  
David Lynn Schiefer, Tiro  
Herbert Michael Smith, Cincinnati  
B.A. (Capital University)  
Robert Allen Walker, Westerville  
B.S.

## College of Social Work

Dean: Robert O. Washington

#### Bachelor of Science in Social Welfare

Jane Ann Asher, Wilmington  
Adrian Cedric McConnell, Columbus

## Graduates with Honors

With Distinction in Electrical Engineering

Eric Alan Ribble

With Distinction in French

Richard L. Shryock

With Distinction in Mathematics and with  
Honors in the Liberal Arts

Harry Michael Covert

With Honors in the Liberal Arts

Thomas Alan Reid  
Cathryn Sue Retzlaff  
Thomas Herrold Smith

### Cum Laude

Theresa Hecker Allen  
Karen Sue Armistead  
Cheryl Diane Barton  
Karen Lou Burns  
Sharon Sue Burns  
John Anthony Calvelage  
Sandra Yu-San Chang  
David Andrew Clark  
Melinda Kay Coia  
James Mark Demsky  
Gerry Lynn Dudick  
Robert Timothy Durbin  
Debra Kaye Evans  
Paul Richard Frankland  
Terrence Bishop Haas  
Janet Beane Heckenhauer  
Gay Laurie Himelright  
Maureen Ranz Jennings  
Donald A. Kennard  
H. Christopher Knott  
Susan Marie Long  
Frank Dominic Luppino  
Bradley Mercer Maple  
LeRoy Edward Mault, Jr.  
Dan Edward May  
Irwin McAuley  
Craig Thomas Mercer

Jeffrey Joseph Metzger  
Timothy Scott Montgomery  
Patrick Joseph Nash  
George William Nugent  
Patricia Diane Peters  
Dawn Marie Prus  
Susette C. Horton Putman  
Ronald Allan Sasaki  
Lisa Annette Smith  
Gordon Eric Schick  
Jane Ann Schmitz  
Karen S. Sowers  
Don Allen Thomas  
Mattie Thomas  
Jean M. Tingley  
Jawed Umerani  
Anita G. Weber  
Diane Kay Wilson  
Cynthia Lynne Young

**Cum Laude with Distinction in  
Agricultural Education and Horticulture**  
Carol Anne Flanagan

**Cum Laude with Distinction in  
the Liberal Arts**

Barbara Lynn Freedy

## **Summa Cum Laude**

Thornton Dixon Adams  
Mark Robert Anstaett  
Heidi Bieber  
Louis Mitchel Best  
Martin Matteson Bostwick  
Patti Ann Brown  
Cynthia Kessler Davidson  
Bethanne Friedman  
Louis Jay Innenberg  
Beth Ann Katterhenrich  
Kelly Jean Koelker  
Elizabeth Mary Krantz  
Cynthia A. Krummel  
Kimberly Kay Light  
Raye Ann Marker  
Holly Anne Perin  
Eric Alan Ribble  
Joseph Paul Strzelecki  
Brent William Wright  
Jan Ellen Wright

**Summa Cum Laude with Distinction in  
Plant Pathology**  
Susan Leigh Stanton

**Summa Cum Laude with Distinction in  
Wildlife Management**  
Brian Jay Blair

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND SIXTY-THIRD MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, November 24, 1980

Pursuant to paragraph (B) of bylaw 3335-1-01 of the Administrative Code of The Ohio State University, the Board met upon the call of the Chairman, Chester Devenow, in a special meeting on Monday, November 24, 1980, at 3:00 p.m., at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

Present: Chester Devenow, Chairman, Patricia D. James, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, and Leonard J. Immke.

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## REVISED BUDGET 1980-81: STATUS REPORT

### *Introduction*

On November 10, three days after the University Board of Trustees held its November meeting, the Ohio Office of Budget and Management announced that State support for public higher education would be cut by three percent. This second cut, following less than six months after the imposition of an earlier three-percent reduction, results in a direct loss in 1980-81 state support of \$10.8 million for the University. Because of continuing declines in projections of State revenue and the exemption of welfare and elementary and secondary education programs from the latest reduction, the State may have an estimated \$350 million shortage of income for 1980-81. A shortage of this magnitude can only be met by massive budget cuts and/or a tax increase.

This status report on the University's budget, therefore, is made against a background of uncertainty about the future. The uncertainty is further heightened by recent state actions that have placed a disproportionate share of the State's fiscal problems on higher education. The Ohio State University alone has had to bear more than one tenth of the State's latest expenditure reduction. Indeed, the state's colleges and universities, although they account for approximately 14 percent of the State's general funds budget, have been called on to bear nearly one half of the recent cutback.

With two cuts already imposed, and uncertainty about the possibility of a third reduction--both its timing and magnitude--the formulation of a definitive plan of action is difficult. Already, portions of the University's plan to adjust to the first three percent reduction have been superceded by the second cut. The plans that we present today for that second cut may be temporary and amended later as new events develop.

To recap our actions in response to the first reduction, the University increased instructional fees by \$10 a quarter effective Autumn Quarter, eliminated a planned three percent midyear salary adjustment, and developed plans to reduce the staffing level of the University by keeping positions vacant as openings occurred.

In response to the second three-percent cut, we have imposed an immediate freeze on all hiring, except where absolutely necessary to generate income, to protect the health and safety of the campus, to meet contractual obligations, or to staff courses that had prior administrative approval. Further, we have stopped the purchase from the general fund of all scientific, instructional, office, or other equipment costing more than \$500.

These two measures were taken to slow down University expenditures until such time as a more detailed plan could be implemented. The outline of this plan is contained in this status report, along with a discussion of the relationship of this plan to future actions that might be necessary.

### *Amount of Budget Cuts*

*Total Reduction.* The total six percent reduction in State funding will have the following effects on the various budgets of the 1980-81 University budget adopted on June 12.



November 24, 1980 meeting, Board of Trustees

**REVISED BUDGET 1980-81: STATUS REPORT (contd)**

Unrestricted General Funds - Columbus	\$ 8,708,600
- Regional Campuses	389,800
Cooperative Extension Service	407,400
University Hospitals	775,600
Other Designated Activities (e.g., Labor Education & Research)	549,200
<b>TOTAL</b>	<b>\$10,830,600</b>

Each of the areas above are at work cutting their budgets to accommodate to these reductions. Our attention today will be directed toward the Unrestricted General Funds of the Columbus Campus which support the primary instructional and support activities of that campus.

*Magnitude of General Funds Problem.* The Unrestricted General Funds of the University will be reduced by \$8.7 million as a result of a reduction of six percent in State support. Because interest rates in the economy have risen dramatically during the past two months, an upward revision to our general funds revenue of \$1.0 million can be applied to offset partially the reduction in State funding, resulting in a net reduction of \$7.7 million to be handled through a combination of fee increases and expenditure reduction.

*Actions Taken and Proposed*

*Overview of Retrenchment Plan.* During the first phase of the retrenchment, the following actions were taken to balance the University's budget:

- Instructional fee increase of \$10 per quarter effective Autumn Quarter. Gain \$1.2 million.
- Elimination of 3 percent midyear salary increase. Save \$1.36 million.
- Staff reduction plans in colleges/offices. Save \$1.79 million.
- First quarter 1980-81 savings beyond staff reduction. Save \$0.60 million.

In sum, the measures taken during the first quarter of the current fiscal year will offset \$4.95 million of the \$7.70 million budget deficit facing the University.

To meet the remaining \$2.75 million deficit and to prepare for future exigencies, the following are planned:

- Additional instructional fee increase of \$15 per quarter effective Winter Quarter, 1981. Gain \$1.20 million.
- Continued hiring freeze and new expenditure ceilings imposed on colleges and offices. Save \$1.55 million.

November 24, 1980 meeting, Board of Trustees

### REVISED BUDGET 1980-81: STATUS REPORT (contd)

In the aggregate, the \$8.7 million cutback in General Funds will be met in the following manner.

Increased Interest Revenue	\$1,000,000
Increased Instructional Fees	2,400,000
Eliminate Midyear Salary Increase	1,360,000
Retrenchment/Savings	3,940,000
<b>TOTAL</b>	<b>\$8,700,000</b>

*Fee Increase.* This plan contains a proposed \$15 per quarter fee increase to be effective for the Winter Quarter, 1981. This increase, generating approximately \$1.2 million in 1980-81, would offset 28 percent of the latest \$4.35 million cut in State funding for the Unrestricted General Fund. When combined with the Autumn \$10 per quarter increase, the total annual increase over three quarters of \$60 per student (\$10 for three quarters and \$15 for two quarters) would likewise cover 28 percent, or \$2.4 million, of the \$8.7 million total cut imposed on the University's General Fund to date.

*Hiring Freeze and College/Office Retrenchment.* Given the uncertain future, the University will maintain the hiring freeze imposed on Colleges and Offices for an indefinite period. The savings realized from this freeze will be incorporated into a plan of broader retrenchment targets imposed on each unit in the University. These targets, applied selectively on the basis of analyses of workload factors and the amount of flexibility contained in each unit's budget, will total \$3.34 million for the General Funds budgets - \$1.79 million to meet the first phase of the retrenchment and \$1.55 million to offset the deficit created by the second cut-back.

Each unit will surrender funds in the amount of the retrenchment target to the University along with plans that will incorporate projected savings to be made through the hiring freeze along with other measures taken. The guidelines for these plans will contain limits on the amount of savings to be gained through deferral of equipment purchases, which would mortgage future budgets. Although every effort will be made to protect student employment, it is important to understand that with cuts of this magnitude, there can be no guarantee that we can do so in all instances.

These new retrenchment targets will be distributed to the Colleges and Offices on December 3, 1980.

*Other Economy Measures and Revenue Production.* At the same time that the managers of each unit in the University are effecting savings in their individual operations, the University will move ahead with intensive analyses of the following.

- Review of the energy conservation program to determine if additional savings can be made without endangering the health and safety of the campus community.
- Development of a plan to cut back temporarily the maintenance of the University's buildings and grounds.

**REVISED BUDGET 1980-81: STATUS REPORT (contd)**

- Sharp curtailment of contracts for the repair of University facilities until future funding levels are known.
- Review of savings to be gained by shortening the hours of operation of the Library, recreational facilities, and student unions--along with the lessening of broadcast hours of the WOSU radio and television stations.

The following series of reviews are in progress to gain increased income for the University's General Fund.

- The rate of indirect cost recovery from sponsored projects is being reassessed to ensure that the University is being compensated to the maximum extent for sponsored activities occurring on the campus.
- The University's charge-back methods for services provided to the Auxiliary operations of the University have been under extensive review for some time and changes in those methods will be effected.

In this process, we are not retrenching units which support their activities without General Funds support, i.e., gain their funds through charges for services or through restricted funds provided by outside sponsors. Examples of operations that support their direct expenditures exclusively through charges are Intercollegiate Athletics and the Residence and Dining Halls. Savings in these operations and in restricted funds would produce no additional income for the University's General Funds. Capital projects funded by direct state appropriation are also excluded because such funds could not be diverted to general university use.

The University also will not lay off personnel during this phase of the retrenchment because it does not have insurance to cover unemployment compensation. In the short run, the payment of such compensation to furloughed staff would greatly reduce any savings made by personnel reduction.

We are, of course, renewing our total effort to achieve savings and generate additional income beyond those specific activities mentioned above. With interest rates again increasing, we are renewing our strong efforts to keep a maximum amount of the University's money invested at the highest possible rates. We must gain those higher interest earnings despite our reduced cash position which has resulted from delayed State subsidies. Our recently strengthened Development Fund staff is being called on to intensify our fund-raising efforts. Units providing services to the public are being asked to reassess their charges for such services to ensure that maximum income is gained. Where charges are not made we must determine whether to institute charges for services or eliminate the services. Clearly, in our state of emergency, we can no longer let federal price guidelines artificially limit justifiable charges for our services.

We are not forgetting that we face a longer-range future which will certainly be mortgaged by the current severe cuts, the existing erosion in faculty and staff salaries, the long backlog of equipment replacement and building repair needs, and other deferred problems that must

November 24, 1980 meeting, Board of Trustees

### REVISED BUDGET 1980-81: STATUS REPORT (contd)

be faced sooner or later. With the future catch-up required, we are determined to protect the University's endowment fund and its capital resources, including replacement funds for major equipment items and preventive maintenance of facilities. We must not leave this University to face the difficult times of the 1980's with the crib containing its seed corn laid bare by short-sighted attempts to meet the crises of the moment.

We will keep the Board and the University community informed of further developments as they occur.

President Enarson:

Mr. Chairman and Members of the Board, this is a special meeting of the Board of Trustees held in advance of its regularly scheduled meeting which is set for December 11. It is the first such special meeting that we have called in the 8-plus years that I have spent with the University. The occasion for this event is, of course, the second cut made in the instructional subsidy and in other items which bear on the budget of the University and which, by the same token, bear heavily upon the administration and upon the Board of Trustees.

Before asking Dr. Vandament to walk us through the revised budget status report which is in your agenda book, and before presenting the one item of action which we are here to recommend, I would simply say that the adjustments and the initiatives which we are talking about here today are directly, entirely, and exclusively related to the second three percent cut, and according to the information that Mr. Napier brought back from downtown (and he is sitting here in the audience should any of you care to address him) and according to the item by Duane St. Clair in the noon edition of the *Dispatch*, a meeting is to be held at four o'clock today--I assume in the Governor's office--to review the next steps. Obviously we have no way of knowing what action, if any, will be taken by the Governor and/or the General Assembly. So to repeat, the report which we present today relates entirely, exclusively, and totally to the second three percent cut; it relates in no way to any cut which may be taken in the future.

With that as preface, could I please ask Dr. Vandament to walk us through this presentation as expeditiously as possible.

Dr. Vandament:

All right. The report itself is contained in your books and I'll try to highlight some of the relevant facts. The first three percent cut in state funding reduced the University's funds by \$5.4 million; the second, likewise, by \$5.4 million so that in the aggregate there is a total reduction in state support to all of the operations of the University of \$10.8 million. Now, \$8.7 million of the \$10.8 million are to be borne by the unrestricted general funds, the funds which provide the primary support to our academic and support programs, and we will focus primarily on that unrestricted general funds portion today. The people in Cooperative Extension, the University Hospitals, and the other designated activities of the University are at work presently developing plans to respond to the aggregate of a six percent cut in state funding.

November 24, 1980 meeting, Board of Trustees

Dr. Vandament: (contd)

If we look at the general funds problem of \$8.7 million and relooking over our budget entirely, we are at this time revising income projections upward by \$1 million based on increased interest rates in the general economy. We are hoping that we can gain additional revenue from our cash management program of \$1 million to help offset this \$8.7 million deficit, so this would leave us then with a net aggregate \$7.7 million problem to deal with. You are aware of the actions we took during the first phase and those actions resulted in a total savings or increase in income to offset some \$4.95 million of that \$7.7 million deficit to the unrestricted general fund. To meet the remaining \$2.75 million deficit, we are proposing that there be an additional instructional fee increase of \$15 per quarter, effective Winter Quarter 1981, and this would gain the University \$1.2 million of the shortfall.

We have, as you know, currently a hiring freeze on personnel and a freeze on purchase of items of equipment that exceed \$500 in value. We propose to continue the hiring freeze indefinitely and to then establish a new umbrella ceiling-expenditure ceilings on each of the colleges and offices of the University to save an additional \$1.55 million. In the aggregate, therefore, to meet the \$8.7 million cutback, we are proposing an increase in instructional fees of \$15 per quarter effective with the Winter Quarter. In total, then, the budget adjustment would involve gaining \$1 million of increased revenue through our cash management program, gaining in the aggregate--from the earlier \$10 per quarter fee increase and the proposed \$15 per quarter fee increase, gaining another \$2.4 million. Tying in with that--counting the elimination of the midyear salary increase that we already effected which saves us \$1.36 million--then, in terms of retrenchment and savings, imposing savings and retrenchment targets totalling \$3.94 million to make up the remaining shortfall. I think that provides an overview of the plan.

We are, of course, looking to a variety of additional means to effect savings in the University and other means to increase our revenues, and we would be happy to speak to them if anyone is interested in those. If the increased revenues and any additional savings that we make are not necessary to meet any future cuts in state funding, we would apply the savings or increased revenue to offset or to provide some relief to our colleges and offices of the budget cuts that we are imposing.

Mr. Devenow: Any questions for Dr. Vandament?

Mr. Redman:

I would like to ask Dr. Vandament if this reduction--would it apply only to the balance of the current fiscal year, these measures that you speak of?

Dr. Vandament:

Yes, yes. Our problem now is one of reducing immediately our expenditures for the 1980-81 fiscal year.

Mr. Redman: Which ends June 30.

November 24, 1980 meeting, Board of Trustees

Dr. Vandament:

Which ends June 30, 1981, yes. There is a parallel budgetary process that will be undertaken shortly to consider the 1981-82 fiscal year. Now that parallel process will have to include also consideration of restoration of some of the items that we have cut during the 1980-81 year. In some instances, for example, with equipment replacement, we are deferring expenditures rather than being able to eliminate expenditures. In a sense we are mortgaging next year's budget, so next year's budget will also have to take that into account as we develop it.

Mr. Redman:

What you're saying is that we have to pick up \$8.7 million from the general funds.

Dr. Vandament: From the general funds.

Mr. Redman:

Seven months rather than twelve months. We have to get these savings within the next seven months. That's better than \$1 million per month.

Dr. Vandament: That's correct.

Mr. Devenow:

Bill, I don't want to get into this at this point, but I think the Board ought to be provided with a cash flow as well as a budget statement; in other words, where is there going to be anything to protect us against any mistake you might make in the next seven months?

Dr. Vandament:

Our cash flow situation is one in which the varying organizations and units within the University have different cash flow problems so we will have to or we have pulled together an aggregate cash flow picture. I might add that our cash position at this point is not as sound as it normally is because we are, at the same time that we are receiving budget cuts, we are also receiving late cash payments from the state for our instructional subsidy and late payments to the University Hospitals and the other operations as well. This is why in spite of the high interest rates we have now, we cannot project higher cash management returns. I think your question is appropriate.

Mr. Devenow:

I think, Bill, that we would like to see a cash flow statement; but suppose your target on \$1 million from money management does not prove itself out. We want to know where you are at 'cash-wise,' so we don't wake up some morning and find that you are out of money or you can't pay your bills.

Dr. Vandament: All right. I'll be happy--

Mr. Devenow:

I think the Board ought to have a copy of that and really study it. Any other questions of Dr. Vandament?

November 24, 1980 meeting, Board of Trustees

Mr. Smith:

The state deficit is about \$400 million and this retrenchment is three percent--\$50 million--leaves the state deficit around \$350 million yet to be handled one way or the other. To save \$50 million in their state budget takes in one percent of across-the-board cut in the budget including all segments of that budget. To make up \$350 million, we would have to have a seven percent across-the-board cut in all budgets in the state including higher education, primary and secondary education--everybody would have to receive it. Seven percent would have to be absorbed in six months, so it would have to be a fourteen percent annualized cut. Now we are talking about minor sums right now. When you're looking down the road at a figure like that, how are we going to handle a figure like that? I think we ought to think about that when we think about this.

President Enarson:

Could I make a quick comment before Bill attempts to respond to that? I made a brief comment before all the Board members were here and I think that comment bears repeating. You are exactly right; we are dealing here only with a known, definite cut: the second three percent cut. In no way are we dealing with the future. We are in the unenviable position of not knowing what order of magnitude of cut is likely or probable or certain--even worse, we don't know when that action will be taken, whether it will be taken at four o'clock today or whether it will be taken tomorrow or taken sometime this week or not taken until later. And to go back to Mr. Redman's point, the longer the delay, the greater the compounding of the problem. I said to the Chairman before the meeting began, we have our regularly scheduled Board meeting December 11 and clearly we will have before us extremely serious budgetary matters, but I would say that at such time as a decision is reached at the state level, it is essential that this Board be called into session just as quickly as we can have a quorum because at that time to the best of our ability we will pinpoint as best we can the nature of the situation and what steps we can take. One further quick comment, and that is I am reading with considerable interest, prurient interest, what other institutions in other states are doing. There is a certain amount of showboating that can take place that grabs the public attention, but I think the responsible course of action is to minimize the damage to the institution over time, and I simply want to assure all members of the Board that we're dedicated to just that. Bill--

Dr. Vandament:

Yes, clearly the plan that we are presenting today would not accommodate specifically for future cuts, although this plan does indicate some of the areas in which we are embarking on additional savings that we hope will not have to be used to meet future cuts, but can be used to soften the blow of some of the existing cuts. It would be our intent to respond very quickly to any further developments downtown but we do have some difficulty with running through a list of possibilities that might create undue panic within the University at this time.

Mr. Devenow:

We understand that, but I think what Warren is getting at, we asked about this at a prior meeting. You're in an economic war now and we want to know what all

November 24, 1980 meeting, Board of Trustees

Mr. Devenow: (contd)

your battle plans are--as Warren says if they break through your lines and you can't seal them up, where are we? In other words, let's assume that it gets worse and we want to know what your plans are when it does get worse and there's no use panicking about it but we will do something about it.

Dr. Vandament: Yes.

Mr. Devenow:

So get us prepared for it. I think that's what you're getting at. That's what you are getting at, isn't it, Warren?

Dr. Vandament:

We'll be prepared to release those quickly and in a timely fashion as soon as new developments occur.

Mr. Smith:

I would like to know, for example, endowment funds, can those be tapped? Are they restricted?

Dr. Vandament: Some are and some are not.

Mr. Smith:

Is it possible that we could make a one-time withdrawal from those to get us across this problem?

Dr. Vandament:

We could make a one-time withdrawal from some of those endowment funds.

Mr. Smith:

And maybe have the endowment funds subsidize this University and not the professors.

Dr. Vandament:

Well, the endowment fund would subsidize the University's problem for a short term but when we draw down the endowment, of course, we are in effect eating our seed corn for the future.

Mr. Smith: Well, sometimes you have to do that.

Mr. Devenow:

Warren, I think that would be an emergency measure but what I think you are asking for--

Mr. Smith: But that's what I would like to know.



November 24, 1980 meeting, Board of Trustees

Mr. Devenow:

Definitely, and I think you are entitled to know that and that's the thing, Bill, that we want you to look at and to produce for us.

Dr. Vandament: Yes, I'll be very happy to do that--well, not happy but--

Mr. Devenow:

That's one of those counter-productive things because if he does that then his money management may get into trouble.

Mr. Smith: So we are in trouble.

Mr. Devenow: We are in trouble. Any other questions of Dr. Vandament?

Dr. Jacob: I'd like to ask about the status of the state fee ceiling. Has that expired?

Dr. Vandament: No, that fee ceiling--

President Enarson: We're well within it.

Dr. Jacob: Will we be at the top of it with this latest increase?

Dr. Vandament: Not yet.

Dr. Jacob:

Still more room to go? When will that expire? That was for a specific period of time, wasn't it?

Dr. Vandament:

That would expire at the end of this biennium, so that if we're moving beyond that we would have to request special relief from it.

President Enarson: That was part of the budget, was it not?

Dr. Vandament: It was part of the appropriation bill for this biennium.

Dr. Jacob: Where are we going to be relative to that maximum with this increase?

Dr. Vandament:

Well, in part this depends upon the interpretation of the legislation because the legislation was framed in such a way that we were allowed to increase fees approximately three percent for every one percent which existed between the Consumer Price Index for calendar year 1979 and seven percent. This was, however, contingent upon a level of appropriation by the General Assembly which will no longer be held and so we would have to negotiate whether we would be allowed to reduce the threshold point because the appropriation level has not held to that contained in the original bill. My assumption is that we are not close to that limit.

Mr. Devenow: Any other questions? Mr. President--

November 24, 1980 meeting, Board of Trustees

President Enarson:

You have before you a specific recommendation which my colleagues and I submit with considerable reluctance.

Mr. Devenow:

Have you all had a chance to read the resolution? If not, I'll give you a minute to do so. Mr. President, do you want to read it or--

President Enarson:

Yes, I think it would be helpful because we have a number of interested people and they are symbolically representative of 59,000 students and 3,000 faculty and perhaps 21,000 persons on our payroll and untold numbers of parents and untold numbers of people who now enjoy the multiple services of this institution, including the Cooperative Extension work done in 88 counties.

#### **FEE INCREASES, EFFECTIVE WINTER QUARTER, 1981**

Resolution No. 81-59

*Synopsis: Authorization is requested to increase the instructional fee.*

WHEREAS the Instructional Subsidy from the State has already been reduced by \$9.1 million for 1980-81; and

WHEREAS major expenditure reductions already made by the University and planned for the future will leave the University's budget in a deficit condition unless accompanied by increases in income; and

WHEREAS an increase of \$15 per quarter for Winter and Spring Quarters for all students produces \$1.2 million; and

WHEREAS an increase in charges to students would offset approximately 28 percent of the most recent 3 percent cut to the general fund leaving \$3.15 million to be made up by other measures:

NOW THEREFORE

BE IT RESOLVED, That the instructional fee for full-time students be increased by \$15 a quarter, effective the Winter Quarter, 1981.

Upon motion of Mr. Immke, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

# SCHEDULE OF STUDENT FEES, EFFECTIVE WINTER QUARTER, 1981

College or School	Credit Hours Enrolled	Instructional	General	Resident Total	Out-of-State Tuition	Non- Resident Total
Undergraduate						
Administrative Science						
Agriculture and Home Economics						
Allied Medical Professions						
Architecture						
The Arts						
Biological Sciences	0-1	\$ 51	\$ 9	\$ 60	\$ 38	\$ 98
Continuing Education	2	64	14	78	76	154
Dental Hygiene	3	77	19	96	114	210
Education	4	102	25	127	152	279
Engineering	5	129	31	160	190	350
Health, Physical Education and Recreation	6	155	38	193	228	421
	7	181	44	225	265	490
Humanities	8	207	50	257	303	560
Journalism	9	232	56	288	341	629
Mathematical and Physical Sciences	10	258	62	320	379	699
	11	284	69	353	417	770
Music	12 or more	310	75	385	455	840
Natural Resources						
Nursing						
Pharmacy						
Social and Behavioral Sciences						
Social Work						
University College						

# SCHEDULE OF STUDENT FEES, EFFECTIVE WINTER QUARTER, 1981 (contd)

College or School	Credit Hours Enrolled	Instructional	General	Resident Total	Out-of-State Tuition	Non- Resident Total
Graduate School	0-1	\$ 51	\$ 9	\$ 60	\$ 45	105
	2	82	15	97	91	188
	3	123	22	145	136	281
	4	164	30	194	182	376
	5	205	37	242	227	469
	6	246	45	291	273	564
	7	287	52	339	318	657
	8	328	60	388	364	752
	9	369	67	436	409	845
	10 or more	410	75	485	455	940
Graduate Professional						
Law	0-3	\$109	\$19	\$128	\$145	\$ 273
	4	145	25	170	193	363
	5	181	31	212	242	454
	6	217	38	255	290	545
	7 or more	435	75	510	580	1,090
Medicine	0-3	\$195	\$19	\$214	\$145	\$ 359
	4	260	25	285	193	478
	5	325	31	356	242	598
	6	390	38	428	290	718
	7 or more	780	75	855	580	1,435
Dentistry Optometry Veterinary Medicine	0-3	\$150	\$19	\$169	\$145	\$ 314
	4	200	25	225	193	418
	5	250	31	281	242	523
	6	300	38	338	290	628
	7 or more	600	75	675	580	1,255

**SCHEDULE OF STUDENT FEES, EFFECTIVE WINTER QUARTER, 1981 (contd)**

College or School		Credit Hours Enrolled	Instructional	General	Resident Total	Out-of-State Tuition	Non- Resident Total
University Regional Campuses							
Undergraduate		0-1	\$ 51	\$ 9	\$ 60	\$ 38	\$ 98
		2	64	12	76	76	152
		3	77	15	92	114	206
		4	102	20	122	152	274
		5	129	25	154	190	344
		6	155	30	185	228	413
		7	181	35	216	265	481
		8	207	40	247	303	550
		9	232	45	277	341	618
		10	258	50	308	379	687
		11	284	55	339	417	756
		12 or more	310	60	370	455	825
Graduate		0-1	\$ 51	\$ 9	\$ 60	\$ 45	\$105
		2	82	12	94	91	185
		3	123	18	141	136	277
		4	164	24	188	182	370
		5	205	30	235	227	462
		6	246	36	282	273	555
		7	287	42	329	318	647
		8	328	48	376	364	740
		9	369	54	423	409	832
		10 or more	410	60	470	455	925

November 24, 1980 meeting, Board of Trustees

**SCHEDULE OF STUDENT FEES, EFFECTIVE WINTER QUARTER, 1981 (contd)**

Undergraduate students enrolled in any quarter, term, or period for twelve or more credit hours will be assessed full fees. Fees for undergraduate students enrolled for eleven or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the fees for fewer than three credit hours as shown above and with the minimum Instructional and General fees being \$60 for zero or one credit hour.

Graduate students enrolled in any quarter, term, or period for ten or more credit hours will be assessed full fees. Fees for graduate students enrolled for nine or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the fees for fewer than three credit hours as shown above and the minimum Instructional and General fees being \$60 for zero or one credit hour.

Graduate professional students (those enrolled in any quarter, term, or period for seven or more credit hours) will be assessed full fees. Fees for graduate professional students enrolled for six or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the minimum fee for fewer than three credit hours being the fee for three credit hours.

--O--

The Board recessed in Executive Session for the purpose of discussing personnel-related issues.

--O--

The Board reconvened following the Executive Session and the meeting adjourned without taking any action.

Attest:

Madison H. Scott  
Secretary

Chester Devenow  
Chairman

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND SIXTY-FOURTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, December 11, 1980

The Board of Trustees met at its regular monthly meeting on Thursday, December 11, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Chester Devenow, Chairman, Patricia D. James, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens, Edmund C. Redman, and Leonard J. Immke.

\* \* \*

Minutes of the November 7, 1980 and November 24, 1980 meetings were approved.

\* \* \*

December 11, 1980 meeting, Board of Trustees

The Chairman, Mr. Devenow, called the meeting of the Board of Trustees to order at 12:00 noon. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering personnel-related matters and legal issues.

Present: Chester Devenow, Chairman, Patricia D. James, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens, Edmund C. Redman, and Leonard J. Immke.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

## RESOLUTIONS IN MEMORIAM

Resolution No. 81-60

*Synopsis: Resolutions honoring the service of four of this University's faculty members who have recently died are being proposed.*

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Dr. Jacob, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Clifford A. Angerer

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 14, 1980, of Clifford A. Angerer, Professor Emeritus in the Department of Physiology.

Born in Philadelphia, August 9, 1905, Professor Angerer attended the public schools of that city and St. Stephens College, Columbia University, where he received his A.B. degree in zoology. He was an Instructor in zoology from 1935 to 1939 at the University of Pennsylvania where he received his Ph.D. degree in 1937. Professor Angerer, for many years, spent his summers as an Investigator at the Marine Biological Laboratory at Woods Hole, Massachusetts. He was appointed Instructor in physiology at The Ohio State University in 1939, Assistant Professor in 1943, Associate Professor in 1947, and Professor in 1954.

In 1928 and 1929, Clifford Angerer was awarded the Pyrun Prize in Biology at Columbia University. He was a Virginia Gibbs Scholar at Harvard University in 1929, a University Scholar at the University of Pennsylvania in 1932, and was appointed as a Harrison Fellow at the University of Pennsylvania in 1933 and 1934. Professor Angerer served as Membership Chairman in 1954 and Vice President for Medical Sciences of the Ohio Academy of Science in 1955; he served as a member of the John and Samuel Bard Award in Medical Science Committee in 1962. In 1964, he was elected by honor students at The Ohio State University as one of ten faculty "who had done the most to aid their college work."



December 11, 1980 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Clifford A. Angerer (contd)

As a member of the physiology faculty from 1939 until he retired in July 1976, Professor Angerer was well known for his pioneer work in the field of cellular physiology. His earlier work on the effects of mechanical pressure, temperature gradients, and electrical fields on the physical properties of protoplasm is widely quoted. Later, he and his students published many papers on the effect of steroid hormones on tissue metabolism, permeability and water balance in tissue. He also published on the effects of lipid diets on the metabolism of arteries, heart, and kidney in experimental atherogenesis. Although he published more than 70 papers, Clifford Angerer's greatest joy was in the accomplishments of his students, many of whom went on to administrative positions in the National Institutes of Health or became outstanding investigators in their own right and chaired departments of physiology.

Professor Angerer was a Fellow of the American Association for the Advancement of Science and the American Heart Association. He was a long-time member of the American Institute of Biological Sciences, American Physiological Society, American Society of Zoologists, Ohio Academy of Science, New York Academy of Science, and Sigma Xi. He was a charter member of the Society of General Physiologists.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Edward N. Cook

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 4, 1980, of Dr. Edward N. Cook, Assistant Professor Emeritus in the College of Dentistry.

Dr. Cook received his D.D.S. degree from The Ohio State University College of Dentistry in 1917. He was a member of the faculty from 1944-1963 when he retired. He also maintained a successful private practice.

Dr. Cook was a member of the Board of Regents of Capital University for 12 years. He was a life member of the American Dental Association, a member of the Ohio State Dental Association, Columbus Dental Society, and Grace Evangelical Lutheran Church. He was also a member of Psi Omega Dental Fraternity and Omicron Kappa Upsilon Dental Honorary Fraternity.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

December 11, 1980 meeting, Board of Trustees

### RESOLUTIONS IN MEMORIAM (contd)

Jacqueline D. Sisson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 29, 1980, of Jacqueline D. Sisson, Professor in the University Libraries.

Ms. Sisson received her Bachelor of Arts degree in French in 1946 from The Ohio State University and joined the staff of the University Libraries in October 1947. She began service in the Fine Arts Library the following year, became Head of the Fine Arts Library in 1959, and was promoted to the rank of Professor in 1980.

From her first years with the University Libraries, Professor Sisson gave careful attention to selecting and acquiring books and journals needed to support research and teaching in the arts. During her tenure, the collections grew from 10,000 to over 60,000 volumes, achieved preeminence among Ohio's libraries, and gained a national reputation as a resource center for research in the arts field. Professor Sisson's sensitive understanding of the work of both scholars and students translated into a model of effective library service to the University community. Ms. Sisson's wider interest in research librarianship was manifest in the outstanding record of professional service and publication. She was the prime mover in the formation and continuing success of the consortium known as Art Research Libraries of Ohio, she served the Art Libraries Society of North America in many capacities, and she devoted much attention to cooperative endeavors among art librarians in several related professional associations. Her record of publications is extensive and was recognized in 1976 by the prestigious Professional Award of the Special Libraries Association. In August 1980, Professor Sisson received this University's Distinguished Service Award in recognition of her inspiring example of professional excellence and record of devoted service.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Robert E. Yoder

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 23, 1980, of Robert E. Yoder, Professor Emeritus in the Department of Agronomy.

Dr. Yoder was born on October 29, 1906, at Wooster, Ohio. He obtained his B.S. and Ph.D. degrees from the College of Agriculture and Home Economics at The Ohio State University, and in 1932 he was named Assistant Professor of soils and agricultural engineering at Alabama Polytechnic Institute (now Auburn University) and the Alabama Agricultural Experiment Station. He later returned to Ohio as Associate Agronomist at the Ohio Agricultural Research and Development Center.

Dr. Yoder was named Agricultural Research and Administration Advisor for the US/AID program at Punjab Agricultural University in Punjab, India, from 1963-65, and served the same post at the University of Udaipur in Rajasthan, India, from 1965-67.

December 11, 1980 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Robert E. Yoder (contd)

During his assignment in India, he was on leave from the Ohio Agricultural Research and Development Center. He returned to Wooster and assumed his Assistant Director's post at the Research Center in 1967. He retired and was named Assistant Director Emeritus at the OARDC in 1973 and Professor Emeritus in the Department of Agronomy at the University.

During his lifetime, he was active in the American Society of Agronomy, Soil Science Society of America, American Society of Agricultural Engineers, American Geophysics Union, Sigma Xi, Gamma Sigma Delta, Gamma Alpha, and Delta Theta Sigma.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy in its loss. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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## DISTINGUISHED SERVICE AWARD

Resolution No. 81-61

*Synopsis: Recommendation for one individual to receive a Distinguished Service Award is proposed.*

WHEREAS the President's Staff, serving as a Committee on Distinguished Service Awards, has nominated and recommended one individual for approval by the Board of Trustees to receive the Distinguished Service Award at a time convenient to the University and the recipient:

Arnold E. Ross

and

WHEREAS these awards are given in recognition of distinguished service to The Ohio State University and the awards are in accordance with action taken by the Board of Trustees in 1952:

NOW THEREFORE

BE IT RESOLVED, That the Distinguished Service Award be approved for awarding as designated above.

Upon motion of Mr. Havens, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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December 11, 1980 meeting, Board of Trustees

## PERSONNEL ACTIONS

Resolution No. 81-62

*Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointment, Medical Staff Appointments and Emeritus Titles are recommended for approval.*

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the November 7, 1980 meeting of the Board, including the following Appointment, Medical Staff Appointments and Emeritus Titles as detailed in the University Budget for 1980-81, be approved.

### Appointment

Name: GERALD P. BRIERLEY  
Title: Professor and Acting Chairman  
Department: Physiological Chemistry  
Effective: December 5, 1980  
Salary: \$45,600.00 (12-month)  
Present Position: Professor, Department of Physiological Chemistry, The Ohio State University

### Medical Staff Appointments

Effective November 12, 1980

Name	Appointment	Clinical Division
C. Patrick Carroll, M.D.	Courtesy Staff	Ophthalmology
James Tanley, Ph.D.	Associate Staff	Physical Medicine and Rehabilitation
David E. Roberts, M.D.	Transfer from Courtesy Staff to Attending Staff	Preventive Medicine (Emergency Medicine)
Theophil T. Sutton, M.D.	Transfer from Attending Staff to Courtesy Staff	Preventive Medicine (Emergency Medicine)
David S. Mendelowitz, M.D.	Limited Staff	Surgery
William Hughes, M.D.	Courtesy Staff (Transfer from General Medicine to Allergy)	Medicine
William F. Mitchell, M.D.	Courtesy Staff (Transfer from Rheumatology to Allergy)	Medicine

### Emeritus Titles

BRUCE D. GRAHAM, Department of Pediatrics, with the title Professor Emeritus, effective July 1, 1981.

HERBERT H. HADLEY, Department of Agricultural Economics and Rural Sociology, with the title Professor Emeritus, effective December 1, 1980.

December 11, 1980 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Emeritus Titles (contd)

CLYDE H. KEARNS, JR., Department of Engineering Graphics, with the title Professor Emeritus, effective February 1, 1981.

ALBERT ROMEO, Department of Engineering Graphics, with the title Professor Emeritus, effective February 1, 1981.

RUDOLPH SPEISER, Department of Metallurgical Engineering, with the title Professor Emeritus, effective July 1, 1980.

PAUL T. YARRINGTON, Department of Engineering Graphics, with the title Professor Emeritus, effective January 1, 1981.

Upon motion of Mr. Immke, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 81-64

*Synopsis: The report on contracts, grants, and gifts and the summary for October are presented for Board acceptance.*

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

#### NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Office of Business and Administration, the Engineering Experiment Station, and The Ohio State University Development Fund during the month of October 1980, be approved.

Dr. Jacob: Could I ask a question here?

President Enarson: Yes.

December 11, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

Dr. Jacob:

On B under Part I, \$1,250,000--is that cash that comes in in this time frame on long-range commitments that people have made--that they say they're going to pay part of it in this year and then part of it in subsequent years, is that what that represents?

Dr. Vandament:

It really is a combination of that sort of thing plus instances in which we may have been left funds in the estate, been named in estates--it also represents that kind of settlement as well.

President Enarson:

On the next page you'll see a--this is the first time we have presented this kind of data and I hasten to say that it's dangerous to make too much of any one figure here because you have to look at giving over a period of time before you can find much that is meaningful. But the overall percentage, I think, is heartening because we seem to be up in a number of categories, and with respect to the totals, we've got a percentage change of 74.8 per cent. Very quickly, we are also trying to get a better definition of numbers of donors because to the extent that we count small gifts which come in in response to the pleas of WOSU, we are confusing the picture, so we're working that out. I believe we do need a motion.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

Mr. Havens:

Mr. Chairman, it seems to me that the gain of 74.8 per cent in those three months, that's just fantastic and Mr. Buxton certainly ought to be complimented. Both in numbers and dollars, he's really got this thing going, I think. It's pretty darn encouraging.

President Enarson:

We're surely hoping it's not an aberration. It's not the result of any one big gift, I made sure that that wasn't true.

Mr. Havens:

That's great. The whole department sounds like they're getting moving.

Mr. Devenow: Okay, thank you, Jack; it's very gratifying.

December 11, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**SUMMARY FOR OCTOBER 1980**

Source	No. of Projects	Support Level
Office of Business and Administration	2	\$ 42,000.00
The Ohio State University Research Foundation	79	6,856,913.60
Engineering Experiment Station	55	434,829.00
		\$7,333,742.60

**The Ohio State University Development Fund**

**Establishment of Named Funds**

Dr. L. S. Pettit Pedodontic Endowment Fund (Pedodontic Post-Graduate Training Program)	\$ 10,260.37
Price Family Agricultural Fund (College of Agriculture)	\$ 9,450.00

**Report from Presidents Club**

Members to date	4,425
1980: year to date	1,046
New members - October 1980	13

**New Presidents Club Members - October 1980**

Elliott Bonnie III	Thomas B. Hobson
Don L. Bremer	Michael G. Murphy
Alfred G. Cochran	James A. Page
John T. Edwards, Sr.	Marc Hamilton Stone
H. J. Eichel	Roy Allen Wentzel
Fredric A. Goodman	Alan C. Williams
Edith Hamilton Herrel	

December 11, 1980 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

FISCAL YEAR 1980-81

THREE MONTHS AT SEPTEMBER 30, 1980

I. Liquid Assets (cash and securities)	
A. Current Solicitation Results	\$2,394,448.94
B. Previously Established Pledges	1,256,494.90
II. Gifts-in-Kind	303,913.57
	TOTAL \$3,954,857.41
III. Pledges Established	170,000.00
	GRAND TOTAL \$4,124,857.41
IV. Deferred Gifts Established	
(See following page for calendar year report)	



December 11, 1980 meeting, Board of Trustees

**DEVELOPMENT FUND PROGRESS REPORT**

**FISCAL YEAR 1980-81**

**3 MONTHS (JULY, AUGUST AND SEPTEMBER, 1980)**

Number of Dollars	1980-81	1979-80	Increase (Decrease)	Percentage Change
Annual Giving	\$ 477,248.14	\$ 348,162.47	\$ 129,085.67	37.1
Deferred Giving	1,220,947.25	177,799.77	1,043,147.48	586.7
Major Individual	389,835.42	378,101.11	11,734.31	3.1
Corporate	1,032,396.44	614,492.20	417,904.24	68.0
Corporate Foundations	299,362.55	169,048.00	130,314.55	77.1
Private Foundations	250,350.27	92,092.57	158,257.70	171.9
Other Organizations	284,717.34	482,043.07	(197,325.73)	(40.9)
<b>TOTALS</b>	<b>\$3,954,857.41</b>	<b>\$2,261,739.19</b>	<b>\$1,693,118.22</b>	<b>74.8</b>

Number of Donors	1980-81	1979-80	Increase (Decrease)	Percentage Change
Annual Giving	15,751	10,672	5,079	47.6
Deferred Giving	22	18	4	22.2
Major Individual	355	348	7	2.0
Corporate	462	269	193	71.8
Corporate Foundations	68	91	(23)	(25.3)
Private Foundations	30	37	(7)	(18.9)
Other Organizations	181	399	(218)	(54.6)
<b>TOTALS</b>	<b>16,869</b>	<b>11,834</b>	<b>5,035</b>	<b>42.6</b>

December 11, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**OFFICE OF BUSINESS AND ADMINISTRATION**

**Federal Research Contracts/Grants**

\$33,000.00 - Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., Law Enforcement Education Program, Student Financial Aids, August 1, 1980 through July 31, 1981. (Grant No. P00-80-57600)

\$9,000.00 - Small Business Administration, Washington, D. C., Small Business Institute, Academic Faculty of Management Sciences, October 1, 1980 through September 30, 1981. (Contract No. SBA-5279-MA-81)

**TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS** **\$42,000.00**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

**Federal Research Contracts/Grants**

\$2,274,188.00 - Department of Health and Human Services, Social Security Administration, Division of Contracts and Grants Management, Baltimore, Maryland, A Study to Determine Extent of Impairment and Potential Social Security Disability Eligibles, Mershon Center for Education in National Security (S. Z. Nagi), 29 September 1980 through 28 September 1982. (Project 762426 - New)

\$586,366.00 - Department of Education, Office of Libraries and Learning Technologies, Washington, D. C., Utilization of Technology in the Development of Basic Skills Instruction (Mathematics), Academic Faculty of Early and Middle Childhood Education (M. L. Languis and S. Damarin) and Academic Faculty of Science and Mathematics Education (R. J. Shumway), 1 October 1980 through 30 September 1982. (Project 762431 - New)

\$315,000.00 - Department of Labor, Occupational Safety and Health Administration, Washington, D. C., Development of Occupational Safety and Health Training/Education and Related Assistance Capabilities, College of Administrative Science - Continuing Education (C. J. Slanicka and R. M. Montgomery), 1 October 1980 through 30 September 1981. (Project 761381 - Continuation)

\$224,892.00 - Environmental Protection Agency, Washington, D. C., Information Collection, Analysis and Dissemination, Academic Faculty of Science and Mathematics Education (R. W. Howe), 1 November 1980 through 31 October 1981. (Project 762463 - Continuation)

\$150,392.00 - National Science Foundation, Washington, D. C., Rainfall Studies Using the Differential Reflectivity Radar Techniques, Department of Electrical Engineering (T. A. Seliga and V. N. Bringi), 15 August 1980 through 31 August 1981. (Project 762445 - Continuation)

December 11, 1980 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$117,682.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Ceramic Microstructure Development, Department of Ceramic Engineering (D. W. Readey), 1 October 1980 through 31 October 1981. (Project 762134 - Continuation)

\$94,614.00 - Environmental Protection Agency, Washington, D. C., Biological Adequacy and Toxicity of Selenium Compounds from Food and Water, Department of Pharmacology (D. Couri), 28 May 1980 through 27 May 1981. (Project 760973 - Continuation)

\$90,341.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Theoretical Foundations of Software Technology, Department of Computer and Information Science (B. Chandrasekaran, L. J. White, and H. W. Buttelmann), 1 October 1980 through 30 June 1981. (Project 761640 - Continuation)

\$88,547.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Chemical Carcinogen (Hydrazine, Polynuclear Hydrocarbon and/or Synthetic Jet Fuel Components) Induced Carcinogenesis of Human Cells, *In Vitro*, Department of Physiological Chemistry (G. E. Milo), 1 October 1980 through 30 June 1981. (Project 762178 - Continuation)

\$80,574.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Chemical and Molecular Biological Aspects of Alkylhydrazine-Induced Carcinogenesis in Human Cells *In Vitro*, College of Pharmacy (D. T. Witiak), 1 October 1980 through 30 June 1981. (Project 762177 - Continuation)

\$76,978.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Oxidation Resistance and Magnetic and Mechanical Properties of Fe, Si and Al Alloys, Department of Metallurgical Engineering (G. W. Powell), 1 October 1980 through 30 September 1981. (Project 762438 - New)

\$68,772.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Pedestrian Impact Modeling, Department of Mechanical Engineering (D. A. Guenther), 1 October 1980 through 30 September 1981. (Project 762430 - New)

\$65,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Long Bone and Joint Response to Mechanical Loading (Biomechanics of Flail Injuries), Department of Engineering Mechanics (A. E. Engin), 1 October 1980 through 31 March 1981. (Project 761590 - Continuation)

December 11, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$64,817.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., The Electrophysiologic Mechanisms of Halogenated Alkane Arrhythmogenesis, Department of Veterinary Physiology and Pharmacology (S. M. Strauch), 1 October 1980 through 31 August 1981. (Project 761648 - Continuation)

\$64,756.00 - Department of the Navy, Naval Air Systems Command, Washington, D. C., Research on Near Field Pattern Effects, Department of Electrical Engineering, ElectroScience Laboratory (W. Burnside), 29 September 1980 through 28 September 1981. (Project 762429 - New)

\$60,500.00 - Department of Energy, Chicago Operations and Regional Office, Solar Energy Research Institute Site Office, Argonne, Illinois, An FMN Photosystem I Solar Battery, Department of Biochemistry (E. Gross), 1 September 1980 through 31 August 1981. (Project 761812 - Continuation)

\$59,719.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Molecular Interactions of High Energy Fuels and Jet Fuels with Oncogenic Viruses and Endogenous Viruses, Department of Veterinary Pathobiology (J. R. Blakeslee), 1 October 1980 through 30 June 1981. (Project 762179 - Continuation)

\$56,225.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Immune Dysfunctions and Abrogation of the Inflammatory Response by Environmental Chemicals, Department of Veterinary Pathobiology (R. G. Olsen), 1 October 1980 through 30 June 1981. (Project 761657 - Continuation)

\$55,863.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Simulation Studies of Apportionment of Braking Effort for the Development of Truck Braking Standards, Department of Mechanical Engineering (G. L. Kinzel and K. Waldron), 1 October 1980 through 30 September 1981. (Project 762085 - Continuation)

\$54,000.00 - National Science Foundation, Washington, D. C., Development and Expression of Bacterial Viruses in Anucleate Cells, Department of Microbiology (J. N. Reeve), 1 November 1980 through 31 October 1981. (Project 761938 - Continuation)

\$51,915.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Conduction Heat Transfer Analysis in Composite Materials, Department of Mechanical Engineering (L. S. Han), 1 November 1980 through 31 October 1981. (Project 761108 - Continuation)

December 11, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$50,000.00 - Department of Education, Office of Higher and Continuing Education, Washington, D. C., Citizen Education for Cultural Understanding, Mershon Center for Education in National Security (R. Remy), 1 September 1980 through 31 August 1981. (Project 762442 - New)

\$50,000.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Changes in the Organ of Hearing Produced by Sound, Department of Otolaryngology (D. J. Lim and W. Melnick), 1 October 1980 through 30 September 1981. (Project 762072 - Continuation)

\$49,995.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Problems of Statistical Inference and Optimization with Special Applications, Department of Statistics (J. S. Rustagi and E. J. Dudewicz), 1 October 1980 through 30 September 1981. (Project 761219 - Continuation)

\$49,796.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Health Clinical Center, Bethesda, Maryland, Volunteer for Participation in Medical Research Project, Department of Entomology (J. D. Briggs), 1 October 1980 through 30 September 1981. (Project 761886 - Continuation)

\$49,712.00 - Department of the Navy, Naval Air Development Center, Warminster, Pennsylvania, On Aircraft Antennas, Department of Electrical Engineering, ElectroScience Laboratory (R. Rudduck), 22 September 1980 through 30 September 1981. (Project 762414 - New)

\$47,128.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Separated Flows, Department of Aeronautical and Astronautical Engineering (O. R. Burggraf), 1 January 1981 through 31 December 1981. (Project 760325 - Continuation)

\$41,273.00 - Department of Health and Human Services, Public Health Service, Bureau of Community Health Services, Rockville, Maryland, National Workshop on Nursing Criteria: Quality Assurance in Ambulatory Settings for Children Who Have Handicapping Conditions, Nisonger Center for Mental Retardation (E. H. King), 1 October 1980 through 30 September 1981. (Project 762470 - New)

\$41,018.00 - Department of Education, Rehabilitation Services Administration, Grant and Procurement Management Division, Washington, D. C., Traineeships in Speech Pathology and Audiology, Department of Communication (E. J. Hardick), 1 September 1980 through 31 August 1981. (Project 760885 - Continuation)

December 11, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$40,000.00 - Department of the Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Improved Modeling with Injury Prediction Capability of Human Shoulder Complex, Department of Engineering Mechanics (A. Engin), 1 October 1980 through 30 September 1981. (Project 762205 - Continuation)

\$37,328.00 - Agency for International Development, Washington, D. C., Rural Poor Survey in El Salvador: Landless, Women and Off-Farm Employment, Department of Agricultural Economics and Rural Sociology (D. H. Boyne and W. L. Flinn), 1 October 1980 through 30 September 1981. (Project 761220 - Continuation)

\$33,082.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Professions, Hyattsville, Maryland, Ohio Expanded MEDHIC Effort, College of Medicine - Administration (M. V. Brown), 30 September 1980 through 28 February 1981. (Project 761854 - Continuation)

\$31,659.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Studies of Airfoils for Propeller Applications (Acoustics/Performance), Department of Aeronautical and Astronautical Engineering (K. D. Korkan), 27 October 1980 through 26 October 1981. (Project 762433 - New)

\$30,407.00 - National Science Foundation, Washington, D. C., Fabric Development in Polar Ice, Institute of Polar Studies and Department of Geology and Mineralogy (I. M. Whillans) and Institute of Polar Studies (J. F. Bolzan), 1 November 1980 through 31 October 1981. (Project 762446 - New)

\$30,299.00 - Department of the Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Develop Fire Hazard Test Methods for Packaging Materials, Department of Chemical Engineering (E. E. Smith), 1 October 1980 through 30 September 1981. (Project 762443 - New)

\$25,000.00 - Federal Emergency Management Agency, Washington, D. C., Studies of Disaster Evacuation Behavior and Problems, Department of Sociology (E. L. Quarantelli), 1 April 1980 through 31 December 1980. (Project 762432 - Continuation)

\$24,732.00 - Department of Health and Human Services, Office of Human Development Services, Administration on Aging, Washington, D. C., Working with Older People, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1980 through 31 March 1981. (Project 762449 - New)

December 11, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$23,916.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, On-Board Portable Data Acquisition and Processing for Vehicle Testing, Department of Electrical Engineering (H. Hemami), 1 January 1981 through 31 December 1981. (Project 761987 - Continuation)

\$18,800.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Development of Methodology for Thoracic Injury Criteria, Department of Electrical Engineering (H. Hemami), 1 October 1980 through 30 June 1981. (Project 762456 - New)

\$16,725.00 - Agency for International Development, Santo Domingo, Dominican Republic, Evaluation of Feasibility of Conducting a Watershed Development Project in the Dominican Republic, College of Agriculture and Home Economics, International Programs in Agriculture (D. O. Hansen and M. G. Smith), 30 September 1980 through 31 December 1980. (Project 762447 - New)

\$10,926.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Psychiatry (Child) Residency, Department of Psychiatry (L. E. Arnold), 1 July 1980 through 30 June 1981. (Project 761764 - Continuation)

\$9,999.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Analytical Model of Children in Panic Braking Environment, Department of Mechanical Engineering (D. A. Guenther), 1 October 1980 through 31 March 1981. (Project 762253 - Continuation)

\$6,540.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Further Studies of the UV Spectra of Late-Type Stars, Department of Astronomy (R. F. Wing), 1 June 1981 through 31 May 1982. (Project 761634 - Continuation)

\$2,500.00 - Department of the Navy, Naval Regional Contracting Office, Long Beach, California, Formulate Quasi-Optical Techniques for Antennas at UHF, Department of Electrical Engineering, ElectroScience Laboratory (B. H. Walter, R. Marhefka, and R. C. Rudduck), 15 September 1980 through 30 September 1980. (Project 761784 - Continuation)

\$2,500.00 - Department of the Navy, David W. Taylor Naval Ship Research and Development Center, Annapolis, Maryland, Implant Tests on High Strength Steel, Department of Welding Engineering (D. Howden), 18 September 1980 through 31 December 1980. (Project 762406 - New)

December 11, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$287.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Pathogenesis of Canine Distemper Demyelinating Encephalitis, Department of Veterinary Pathobiology (A. Koester), 1 August 1979 through 31 July 1980. (Project 761225 - Continuation)

**TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS** **\$5,424,763.00**

**State of Ohio Research Contracts/Grants**

\$150,000.00 - State of Ohio, Department of Commerce, Division of Real Estate, Columbus, Ohio, Center for Real Estate Education and Research, College of Administrative Science, Center for Real Estate Education and Research (R. L. Racster), 1 July 1980 through 30 June 1981. (Project 762469 - Continuation)

\$31,000.00 - The Ohio Program in the Humanities, Columbus, Ohio, "Off the Job": The Ohio Labor History Film Project, College of Administrative Science - Continuing Education (C. J. Slanicka and D. B. Patton), 1 February 1980 through 30 September 1980. (Project 761922 - Continuation)

\$23,000.00 - Ohio Historical Society, Columbus, Ohio, Regional Preservation Office 7HA, Mansfield Campus (D. W. Kramer and S. McQuillin), 1 October 1980 through 30 September 1981. (Project 762441 - Continuation)

\$21,870.00 - State of Ohio, Department of Education, Columbus, Ohio, Field Development Proposal: A Model for Cooperative Teacher Education, College of Education - Administration (R. A. Burnham and N. L. Zimpher), 1 January 1981 through 31 December 1981. (Project 762436 - New)

\$21,682.00 - Ohio Historical Society, Columbus, Ohio, Regional Archaeological Preservation Office 4A, Mansfield Campus (D. W. Kramer and D. R. Morse), 1 October 1980 through 30 September 1981. (Project 762440 - Continuation)

**TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS** **\$ 247,552.00**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants**

\$473,282.00 - University of Cincinnati, Cincinnati, Ohio, Planning, Development and Operation of an Area Health Education Centers Program (AHEC), College of Medicine - Administration (M. Tzagournis and G. L. Trzebiatowski), 30 September 1980 through 31 December 1981. (Project 762437 - Continuation)



December 11, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$125,000.00 - Battelle Memorial Institute, Office of Nuclear Waste Isolation, Columbus, Ohio, Experimental and Analytical Studies of the Thermal Aspects of Deep Geological Disposal of Commercial Nuclear Wastes, Department of Mechanical Engineering (R. N. Christensen), 1 October 1980 through 31 January 1981. (Project 761731 - Continuation)

\$104,020.00 - University of Minnesota, St. Paul, Minnesota, Agreement Between The Ohio State University Research Foundation and The University of Minnesota, Cooperative Extension Service - State Operations (C. W. Young) and College of Agriculture and Home Economics, International Programs in Agriculture (M. G. Smith), 15 October 1980 through 14 October 1982. (Project 762455 - New)

\$95,000.00 - University of California, Davis, California, Intensive Forage Production Systems for Smallholder Sheep and Goat Producers, College of Agriculture and Home Economics, International Programs in Agriculture (M. G. Smith) and Department of Agronomy (R. W. VanKeuren), 1 June 1980 through 31 January 1981. (Project 761949 - Continuation)

\$83,597.00 - Ministry of Education, Government of Malaysia, Kuala Lumpur, Malaysia, Malaysian Staff Training Programme, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1980 through 31 August 1981. (Project 762459 - New)

\$34,100.00 - Hamilton Standard, Division of United Technologies, Windsor Locks, Connecticut, Advanced Airfoils for Propeller Applications, Department of Aeronautical and Astronautical Engineering (K. D. Korkan), 29 August 1980 through 31 December 1980. (Project 762377 - Continuation)

\$33,731.00 - University of Pittsburgh, Pittsburgh, Pennsylvania, The Evolution and Mechanisms of Symbiont-Host Recognition on Two Insect Disorders, Department of Medical Microbiology and Immunology (N. L. Somerson), 1 March 1981 through 28 February 1982. (Project 761856 - Continuation)

\$30,000.00 - U. S. - Spanish Joint Committee for Scientific and Technological Cooperation, Madrid, Spain, Paleomagnetic Study of Upper Carboniferous Coal-Bearing Strata in Northwest Spain, Department of Geology and Mineralogy (H. C. Noltimier), 1 June 1980 through 31 May 1981. (Project 761703 - Continuation)

\$28,781.00 - Associated Builders and Contractors, Incorporated, Washington, D. C., Associated Builders and Contractors Instructional Materials Development Project, Academic Faculty of Industrial Technology (D. G. Lux), 1 September 1980 through 31 August 1981. (Project 762435 - New)

December 11, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$20,413.00 - Philip Morris Research Center, Richmond, Virginia, Effects of Nicotine on Learning and Memory, Department of Psychology (G. G. Berntson), 1 September 1980 through 31 August 1981. (Project 760715 - Continuation)

\$20,168.00 - Battelle Memorial Institute, Columbus Laboratories, Columbus, Ohio, Large Animal Preclinical Evaluations of Pharmacodynamic Effects of Anti-neoplastic Compounds on the Cardiovascular System, Department of Veterinary Physiology (R. L. Hamlin), 1 September 1980 through 31 October 1980. (Project 760245 - Continuation)

\$18,014.00 - The Columbus Foundation, Columbus, Ohio, Composition Outreach, Department of English (F. O'Hare), 1 November 1980 through 31 October 1981. (Project 762467 - New)

\$17,973.00 - Franklin County Mental Health and Retardation Board, Columbus, Ohio, Community Worker Project, Nisonger Center for Mental Retardation (F. A. Benson), 1 November 1980 through 30 September 1981. (Project 762450 - New)

\$14,997.00 - University of Tennessee, Knoxville, Tennessee, Modeling for Ultrasonic NDE of Columnar Structure in Anisotropic Materials, Department of Welding Engineering (L. Adler), 1 October 1980 through 28 February 1981. (Project 762453 - New)

\$14,698.00 - Ribbon Technology Corporation, Canal Winchester, Ohio, Thin Steel Sheet Made from Melt Extracted Flake, Department of Metallurgical Engineering (C. E. Mobley), 1 September 1980 through 28 February 1981. (Project 762397 - New)

\$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Acebutolol: A Threat of Toxic Metabolites, Department of Pharmacology (B. D. Andresen), 1 October 1980 through 30 September 1981. (Project 762457 - New)

\$12,000.00 - University of Tennessee, Knoxville, Tennessee, Ultrasonic Methods to Study Shadow Boundaries of Diffracting Cracks - Ultrasonic Caustics in NDE, Department of Welding Engineering (L. Adler), 15 September 1980 through 31 December 1980. (Project 762452 - New)

\$8,375.00 - Purdue University, West Lafayette, Indiana, The Electric Utility Regulatory Aspects of Electric Vehicle Commercialization, National Regulatory Research Institute (D. N. Jones and K. A. Kelly), 11 August 1980 through 11 September 1980. (Project 762347 - New)

December 11, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$8,336.00 - General Foods Corporation, Pet Foods Division, White Plains, New York, Evaluation of Semi-Moist Food Formulae for Susceptibility to Mite Infestation, Department of Entomology (D. E. Johnston), 1 September 1980 through 31 August 1981. (Project 762464 - New)

\$6,000.00 - American Cancer Society, Ohio Division, Cleveland, Ohio, Biological Effects of Ultrasound on Mammary Cells, Department of Radiology (A. K. Freimanis and L. J. Bronn), 15 October 1980 through 14 October 1981. (Project 762465 - New)

\$6,000.00 - American Cancer Society, Ohio Division, Cleveland, Ohio, tRNA Transglycosylase in Neoplastic Transformation, Department of Physiological Chemistry and Cancer Research Center (R. W. Trewyn), 15 October 1980 through 14 October 1981. (Project 762451 - New)

\$3,921.60 - Licking County, Ohio, Joint Vocational School District, Newark, Ohio, Projected Enrollments for the School Districts in the Licking County, Ohio, Joint Vocational School District, Academic Faculty of Educational Administration (A. E. Wohlers), 1 September 1980 through 30 April 1981. (Project 762448 - New)

\$3,864.00 - Otterbein College, Westerville, Ohio, Assistance with Administrative Programming and Counseling, Academic Faculties of Special Services and Educational Administration (R. F. Rodgers), 1 October 1980 through 31 May 1981. (Project 762444 - New)

\$3,339.00 - Brevard Community College, Cocoa, Florida, Postsecondary Alliance - Evaluation Program Option A - Clearinghouse, National Center for Research in Vocational Education (R. E. Taylor), 1 May 1980 through 30 June 1981. (Project 762195 - Continuation)

\$2,700.00 - Columbus Metro, Columbus, Ohio, Career Guidance Institute, Academic Faculty of Special Services (H. J. Peters), 1 September 1980 through 31 March 1981. (Project 762458 - New)

\$2,000.00 - Midlands Technical College, Columbia, South Carolina, and Durham Technical Institute, Durham, North Carolina, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1980 through 30 June 1981. (Project 761599 - Continuation)

\$1,514.00 - State of Arkansas, Office of the Attorney General, Little Rock, Arkansas, Comments on Arkansas' Proposed Rules on Utility Adjustment Clauses, National Regulatory Research Institute (D. N. Jones and K. A. Kelly), 21 October 1980 through 28 October 1980. (Project 762462 - New)

December 11, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$775.00 - Oregon State University, Corvallis, Oregon, Socioeconomic Analysis of Repository Siting, Department of Agricultural Economics and Rural Sociology (T. L. Napier), 17 July 1980 through 31 December 1980. (Project 762312 - Continuation)

<b>TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS</b>	<b>\$1,184,598.60</b>
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**ENGINEERING EXPERIMENT STATION**

**Federal Sponsored Development**

\$14,158.00 - two sponsors for two development projects under the direction of two departments.

**Industrial and Other Sponsored Research and Development**

\$115,950.00 - Electric Power Research Institute, Palo Alto, California, Transmission Grounding Task 1: Perform Scale Model Tests, Department of Electrical Engineering, October 1, 1980 through September 30, 1981. (EES 621/529621)

\$6,624.00 - Electric Power Research Institute, Palo Alto, California, Study of Electrostatic DC Fields in Converter Stations, Extension 3, Department of Electrical Engineering, July 1, 1980 through December 31, 1980. (EES 571/529051, Extension 3)

\$298,097.00 - various sponsors for 51 development projects under the direction of seven departments and research areas.

<b>TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH AND DEVELOPMENT</b>	<b>\$420,671.00</b>
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**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

**Gifts of \$5,000 or More**

\$58,660.42 - Estate Under the Will of Walter J. Bucher, Dayton, Ohio, for Ernestine G. Wampler Bucher Fund.

\$50,000.00 - James D. Casto, North Miami, Florida, for James D. Casto Heart Research Fund.

December 11, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$43,183.76 - Louise Orr Scott Foundation, Columbus, Ohio--\$32,387.82 for William Craig Orr and Mary Black Orr Scholarship in Medicine and \$10,795.94 for William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

\$39,500.00 - The Standard Oil Company, Cleveland, Ohio--\$25,000.00 for College of Engineering Campaign; \$7,000.00 for Sohio Chemical Engineering Fund; \$5,000.00 for College of Administrative Science Fund; \$2,500.00 for Affirmative Action Program in Engineering Fund.

\$36,763.00 - Burroughs Wellcome Company, Research Triangle Park, North Carolina, for Clinical Pharmacology Fund.

\$27,500.00 - Shell Companies Foundation, Inc., Houston, Texas--\$7,500.00 for Shell Companies Foundation Fund for Electrical Engineering; \$7,500.00 for Shell Companies Foundation Fund for Metallurgical Engineering; \$7,500.00 for Shell Companies Foundation Fund for Chemistry; and \$5,000.00 for Mechanical Engineering Coal Combustion Laboratory Fund.

\$17,330.00 - SISA Incorporated, Cambridge, Massachusetts, for Clinical Pharmacology Fund.

\$16,255.00 - American Electric Power Company, Inc., Columbus, Ohio, for American Electric Power Company Fellowship.

\$15,631.66 - The Textron Corporation, Providence, Rhode Island, for Joseph B. Collinson Scholarship Fund.

\$15,000.00 - Adria Laboratories, Inc., Columbus, Ohio, for Clinical Pharmacology Fund.

\$14,165.34 - Sterling-Winthrop Research Institute, Rensselaer, New York--\$10,832.00 for Amrionone Research Dynamics and \$3,333.34 for Amrionone Research - Hematology Fund.

\$13,213.56 - The Grand Chapter of Ohio, Order of the Eastern Star, Danville, Ohio--\$8,038.88 for Cancer Research Fund and \$5,174.68 for Cardiovascular Research.

\$12,500.00 - The Leo Yassenoff Foundation, Columbus, Ohio--\$7,500.00 for Student Athlete Grant-in-Aid Fund; \$1,000.00 for Dean's Education and Research Fund in Veterinary Medicine; \$1,000.00 for Dean's Discretionary Fund for Biological Sciences; \$1,000.00 for College of Education Dean's Discretionary Fund; \$1,000.00 for College of Engineering Special Fund; and \$1,000.00 for Pharmacy Fund.

December 11, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$12,165.00 - Laborers' District Council of Ohio, Columbus, Ohio, for Peter Fosco/Laborers' District Council of Ohio Scholarship Fund.

\$12,000.00 - Ulrich Saxer, M.D., Columbus, Ohio, for Veterinary Surgery Research.

\$10,422.00 - University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

\$10,000.00 - Mr. and Mrs. John W. Galbreath Fund of the Columbus Foundation, Columbus, Ohio (given in the name of John Galbreath), for Sphinx 75th Anniversary Gift Fund.

\$10,000.00 - Union Carbide Corporation, Tarrytown, New York--\$5,000.00 for Union Carbide Corporation Fellowship and Grant-in-Aid Fund in Chemical Engineering; \$3,000.00 for Affirmative Action Program in Engineering Fund; and \$2,000.00 for Union Carbide Fund.

\$9,450.00 - William H. Price, II, Maumee, Ohio, for Price Family Agriculture Fund.

\$8,050.00 - The Edward Orton, Jr., Ceramic Foundation, Columbus, Ohio, for John L. Carruthers Fellowship in Ceramic Engineering.

\$8,000.00 - The Arthritis Foundation, Columbus, Ohio, for Arthritis Education Fund.

\$8,000.00 - George F. Lonz Foundation, Middle Bass, Ohio, for George F. Lonz Foundation for Enology and Viticulture.

\$7,800.00 - Weirton Steel, Weirton, West Virginia, for National Steel Fellowship in Metallurgical Engineering.

\$7,685.19 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

\$6,734.47 - Cravat Coal Company, Cadiz, Ohio, for Ohio 4-H Foundation Support Fund.

\$6,656.25 - Eastman Kodak Company, Rochester, New York, for Kodak Scholarship Program in Engineering Fund.

\$6,433.00 - A. H. Robbins Company, Inc., Richmond, Virginia, for EPR-OBS Fund.

December 11, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$6,335.23 - Trust Under the Will of Carl M. Baldwin, Columbus, Ohio, for Carl M. and Grace C. Baldwin Eye Care Fund.

\$6,000.00 - F. Joseph Lamb, Warren, Michigan, for Gear Dynamics and Gear Noise Research Laboratory Fund.

\$5,344.00 - Tom Ross Montei, Columbus, Ohio--\$4,000.00 for Friends of WOSU and \$1,344.00 for Presidents Club Special Fund.

\$5,124.07 - Moffitt Royalty Trust, San Antonio, Texas, for Melvin E. Moffitt Memorial Fund.

\$5,000.00 - Chicago Sun-Times Charities Fund of the Field Enterprises Charitable Corporation, Chicago, Illinois, for Milton Caniff Research Room.

\$5,000.00 - Columbus and Southern Ohio Electric Company, Columbus, Ohio, for Ohio Electric Utility Institute Fellowship Fund.

\$5,000.00 - The Doody Company, Columbus, Ohio, for College of Administrative Science Fund.

\$5,000.00 - The Samuel Mendel Melton Foundation, Columbus, Ohio, for Melton Fund.

\$5,000.00 - The Peat, Marwick, Mitchell Foundation, New York, New York, for Peat, Marwick, Mitchell Beta Alpha Psi Seminar Fund.

\$5,000.00 - Dr. M. Henry Speck, Youngstown, Ohio, for Drs. M. Henry and Myron E. Speck Fund.

**Gifts-in-Kind**

\$25,252.00 - Dr. Dwight M. DeLong, Columbus, Ohio.

\$8,774.00 - James Demler, Arlington, Ohio.

December 11, 1980 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds

##### Dr. L. S. Pettit Pedodontic Endowment Fund

The Dr. L. S. Pettit Pedodontic Endowment Fund was established December 11, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund by alumni from the Pedodontic Training Program, College of Dentistry.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The principal and/or income is to be used to support activities associated with the Pedodontic Post-Graduate Training Program.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Dentistry.

##### Price Family Agricultural Fund

The Price Family Agricultural Fund was established December 11, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Sanford G. Price, B.S.Agr. '19.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual interest from the principal will be used to provide scholarship and program assistance for the College of Agriculture. The Chairman of the Department of Agricultural Economics in conjunction with the Dean of the College of Agriculture will have latitude to determine the use of the funds.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the study of agricultural education.

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**PLANS AND SPECIFICATIONS**

Resolution No. 81-64

*Synopsis: Plans and specifications are being proposed for the following projects.*

WHEREAS at the request of the Vice President for Business and Administration, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following projects:

**BULK CHEMICAL WAREHOUSE**

**Project:** This project will provide space to house a bulk chemical warehouse, laboratory reagent manufacturing facility and a low-level radioactive waste processing facility to prepare the materials for shipment to disposal sites in accordance with Federal and other regulations.

**Funding:** Budget Account 882046

**Estimated Project Cost:** \$1,190,000.00

**ROOF REPLACEMENTS - 1981**

**Project:** This project work will restore adequate roofing systems for Robinson Laboratory, Plumb Hall, Optometry Building and Mershon Auditorium. The existing roofing on each of these buildings has deteriorated and is in need of complete new roofing.

**Funding:** Budget Account 210134 (Supplemental Contract Repair - 1980)

**Estimated Project Cost:** \$ 337,000.00

**MASONRY REPAIRS (EXTERIOR) - 1981**

**Project:** Repair deteriorated masonry on Graves Hall, Koffolt Laboratory, Civil and Aeronautical Engineering and Scott Hall.

**Funding:** Budget Account 210134 (Supplemental Contract Repair - 1980)

**Estimated Project Cost:** \$ 161,000.00

December 11, 1980 meeting, Board of Trustees

### PLANS AND SPECIFICATIONS (contd)

#### DERBY HALL, INSTALLATION OF SPRINKLER SYSTEMS FOR FIRE PROTECTION

Project: Installation of complete automatic sprinkler protection in the Bookstore area of Derby Hall. The system is designed so that it can be enlarged to cover the entire building. This project is the final one in a series of partial sprinkler systems funded in the safety program approved and funded by the Ohio Board of Regents in October, 1975.

Funding: Budget Account 885043 (Campus Safety Improvements/received funds from Ohio Board of Regents)

Estimated Project Cost: \$ 60,000.00

#### NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the projects listed above be approved and that the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for these projects and, in accordance with established University procedures, to request bids *at such time as the University budget situation is clarified*, and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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#### REPORT OF AWARD OF CONTRACTS

Resolution No. 81-65

*Synopsis: Contracts have been awarded for the projects enumerated below to the lowest and best bidders in accordance with University procedures.*

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Administration to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

December 11, 1980 meeting, Board of Trustees

## REPORT OF AWARD OF CONTRACTS (contd)

### CENTRAL CAMPUS ENERGY CONTROL CENTER - PHASE IV (contd)

Description: Continuation of the energy conservation programs for The Ohio State University. This project includes additional project work in various buildings which will expand the capability of the system and will be within design parameters for energy savings and communications originally established.

#### Temperature Control Contract

Date Received:	April 16, 1975*
Bids:	Alternate, unit price bids, and pricing procedures established when bids were received on Phase I, II and III of this project by the Department of Administrative Services, Division of Public Works.*
Estimate of Cost:	\$107,530* **
Total Project Cost:	\$107,530* **
Awarded to:	Johnson Controls, Inc., Columbus, Ohio*

Total Contingency Allowance: Not Applicable

Funding: Budget Account 210134 (Contract Repair 1980-81) supplemental one-time funds.

\*Change orders will be processed by the Division of Public Works to include alternate bids, and unit price items applicable to the expansion of the scope of work on the Central Campus Energy Control Center.

\*\*This amount is a part of the total supplemental one-time funds \$258,000 to be used for Energy Conservation projects.

### MATHEMATICS BUILDING, EXTERIOR MASONRY REPAIRS

Description: Emergency repairs to the south face of the building. The brick bond in this area has failed, requiring removal of a portion of the brick and complete restoration.

#### General Contract

Date Received:	November 7, 1980
No. of Bids:	5
Low Bid:	\$16,878.00*

\*The General Contract is recommended for award to the second lowest bidder. The bid submitted by the low bidder was withdrawn due to error in bidding.

December 11, 1980 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS (contd)**

**MATHEMATICS BUILDING, EXTERIOR MASONRY REPAIRS (contd)**

**General Contract (contd)**

High Bid:	\$23,650.00
Estimate of Cost:	\$30,000.00
Awarded to:	General Maintenance & Engineering Company, Columbus, Ohio
Total Contract:	\$16,878.00
Funding:	Budget Account 885143

**NOW THEREFORE**

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds for the projects listed above are hereby reported.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Mr. Devenow:

Mr. President, before you get into reports, we have an unusual instance here where Timothy Light of the East Asian Languages Department would like to make a presentation to the Board. Dr. Light, would you please come forward?

Dr. Light:

Thank you very much, Mr. Chairman. I am here on behalf of the East Asian Students Association which is composed of students who are taking Chinese and Japanese at our University. They have come here with two of their representatives, Kathy and John, and two of our dynamic professors, Mr. Galal Walker and Mr. Shigeru Miyagawa. They have presents for you in the form of OSU T-shirts in Chinese and Japanese. That is our Christmas present to you.

Mr. Devenow: Thank you very much.

Dr. Light:

They're identified according to size; Mr. Scott kindly gave us an estimate of your sizes so they're being handed out that way.

December 11, 1980 meeting, Board of Trustees

President Enarson: I hope they're accurate.

Mr. Havens: Are we allowed to open these right now?

Dr. Light:

The letter that goes with it will identify which language is on your shirt--some are Chinese and some are Japanese.

Mr. Devenow:

Thank you very much. I am sure on behalf of the Board we are delighted and in that we're not going to the Rose Bowl, we'll try to confuse the issues down at the Fiesta Bowl with this. Thank you very, very much.

President Enarson:

That's our new dynamic chairman--I didn't know he was that dynamic, though.

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### **NATIONAL ENERGY CONSERVATION POLICY ACT (NECPA) TITLE III PROGRAM, CYCLE I**

The following is to report actions taken by the Ohio Board of Regents and the Department of Administrative Services, Division of Public Works to contract with consultants for projects included in the Title III Program.

The Ohio State University through the Energy Management Division has participated in the National Energy Conservation Policy Act (NECPA) Title III Program, which is a federally funded grant program to aid in energy conservation projects for schools and hospitals and for buildings owned by units of local government. Under this program the federal government provides matching funds to State government agencies for implementation of such projects. The State of Ohio, working in conjunction with the Ohio Board of Regents provides the matching funding required by federal government for such Ohio State University participation. The energy conservation projects funded under this program consist of two (2) basic forms.

1. *Technical Assistance Program (TAP)*, which provides the financial assistance in obtaining a detailed engineering analysis to identify estimated cost of, and the energy and cost savings likely to be realized from acquiring and installing Energy Conservation Measures.
2. *Energy Conservation Measures (ECM)*, which provides for the design, acquisition and installation of Energy Conservation Measures, to reduce energy consumption.

A Technical Assistance Program (TAP) is a prerequisite for application of an Energy Conservation Measure (ECM).

December 11, 1980 meeting, Board of Trustees

**NATIONAL ENERGY CONSERVATION POLICY ACT (NECPA)  
TITLE III PROGRAM, CYCLE I (contd)**

The Ohio State University has received federal grants and State of Ohio (Board of Regents) supplemental grants for the following projects, under Cycle I of the National Energy Conservation Policy Act - Title III Program:

**NATIONAL ENERGY CONSERVATION POLICY ACT TITLE III PROGRAM  
Technical Assistance Project - TAP-1**

University Hospital Clinics

Engineer: In-House - Energy Management Division  
of Ohio State University

Federal Funds	- \$10,232
Ohio Board of Regents	- 10,232

Total Funds	\$ 20,464
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**NATIONAL ENERGY CONSERVATION POLICY ACT TITLE III PROGRAM  
Technical Assistance Project - TAP-2**

University Hospital, Aero-Astro Research Laboratory,  
Morrill Hall - Marion Campus

Engineer: Kramer, Comer, Passe and Partners

Federal Funds	- \$25,172
Ohio Board of Regents	- 25,172

Total Funds	\$ 50,344
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**NATIONAL ENERGY CONSERVATION POLICY ACT TITLE III PROGRAM  
Energy Conservation Measures - ECM-1**

Campbell Hall, Galvin Hall - Lima Campus,  
Hopkins Hall, Hughes Hall and Sisson Hall

Engineer: Larsen Engineering, Inc. (\$16,540)

Federal Funds	- \$66,952
Ohio Board of Regents	- 66,952

Total Funds	\$133,904
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December 11, 1980 meeting, Board of Trustees

**NATIONAL ENERGY CONSERVATION POLICY ACT (NECPA)  
TITLE III PROGRAM, CYCLE I (contd)**

**NATIONAL ENERGY CONSERVATION POLICY ACT TITLE III PROGRAM  
Energy Conservation Measures - ECM-2**

Smith Laboratory

Engineer: Jeffrey A. Jones & Associates (\$17,440)

Federal Funds - \$81,972

Ohio Board of Regents - 81,972

Total Funds \$163,584

The above projects are presently in design. All actions relating to the Award of Contracts will be reported to the Board of Trustees at a later meeting.

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**REPORT - AUDITOR OF STATE FOR THE OHIO STATE UNIVERSITY FOR  
THE PERIOD JULY 1, 1976 THROUGH JUNE 30, 1978**

Resolution No. 81-66

*Synopsis: Report of State Auditor for The Ohio State University for period July 1, 1976 through June 30, 1978, is recommended for acceptance.*

WHEREAS the Auditor of State is charged with the statutory responsibility for auditing accounts for all departments of the State, including State-assisted universities; and

WHEREAS the report of the Auditor of State for The Ohio State University for the period July 1, 1976 through June 30, 1978, has been received and reviewed by the appropriate officers of the University; and

WHEREAS the accounts, records, files and reports of The Ohio State University were found to be in order but certain recommendations were included in the report; and

WHEREAS the recommendations have been studied by the appropriate administrative officers and procedures have been developed in response to the changes recommended:

NOW THEREFORE

BE IT RESOLVED, That this report of the Auditor of State be received and filed with the official documents of the University.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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December 11, 1980 meeting, Board of Trustees

**REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO**

Resolution No. 81-67

RESOLVED, That the report on the University's Investment Portfolio, dated November 21, 1980, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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**PRESIDENT ENARSON'S LETTER ANNOUNCING HIS RESIGNATION**

December 11, 1980

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Mr. Chester Devenow, President,  
Chairman and Chief Executive Officer  
Sheller-Globe Corporation  
1505 Jefferson Avenue  
Toledo, Ohio 43624

Dear Mr. Devenow:

I wish to resign as president of The Ohio State University effective the close of business, August 31, 1981.

I inform you and your colleagues on the Board now so that the Board will have time to conduct the search for my successor.

On August 31, 1981, I will have completed nine full years as president of The Ohio State University immediately following over six years as president of The Cleveland State University. It now seems best for me, my family, and the University to step aside.

This decision has been discussed with you. I understand that you will recommend that my resignation effective that date will be accepted.

I want you to know that these have been busy and satisfying years for me and Mrs. Enarson. It is not easy to step down for I enjoy immensely my association with my colleagues, with faculty and staff, with students, with legislators, with alumni and with all the many persons who care about the University and strive to make it better.

I take great pride in being a part of the adventure of building a better University--a task that is never ended. This University means a great deal to the Enarsons. It will always be a part of our life and it will always have our support and best wishes.

Sincerely yours,

Harold L. Enarson  
President

HLE/mr

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December 11, 1980 meeting, Board of Trustees

**CHAIRMAN DEVENOW'S LETTER OF ACCEPTANCE  
OF RESIGNATION OF PRESIDENT ENARSON**

December 11, 1980

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Y

Harold L. Enarson, President  
THE OHIO STATE UNIVERSITY  
205 Administration  
190 North Oval Mall  
Columbus, Ohio 43210

Dear Harold:

I have your letter stating your wish to resign as President of The Ohio State University effective August 31, 1981. You have served long and well in a difficult job with heavy responsibility. I can understand your wish to step aside. I will recommend to the Board of Trustees that your resignation be accepted.

All members of the Board are aware of the demands put upon you and Mrs. Enarson by the duties of your office. We have watched with appreciation your efforts to strengthen and improve the quality of education and research at Ohio State and to give it sound, efficient and responsive administration. We admire your courage, dedication and strong sense of excellence and recognize how much these qualities have contributed to our University.

Because of your splendid service to the University, the Trustees will want to make your transition from office as favorable as possible. I have proposed that you be appointed President Emeritus effective September 1, 1981, with the usual rights, privileges, and emoluments of that office. Because we will want and need your advice and consultation in the initial term of a new president, I have also asked the Trustees to arrange for continuing your compensation through June 30, 1982.

I am mindful that you live in a University residence at the Trustees' direction and that you will have to relocate. The University will assist you in moving your personal belongings from the Croswell Street residence, Overlook Farm and the President's Office to your new location.

Hoping that your association with The Ohio State University will continue, you may expect the Trustees to renew your Notice of Appointment as a tenured Professor of Public Administration for the academic year 1981-82 although I understand you will not undertake any teaching during that period.

All of these steps are intended to let you know how much your work is appreciated and that we understand the burdens you have carried on behalf of the University.

I know all members of the Board join me in giving warm thanks to you and Mrs. Enarson. You have our heartiest appreciation and best wishes. We look forward to working with you on the challenging problems confronting the University throughout the rest of your term.

Sincerely yours,

Chester Devenow  
Chairman

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December 11, 1980 meeting, Board of Trustees

**ACCEPTANCE OF RESIGNATION OF HAROLD L. ENARSON  
AND CONFERRING EMERITUS TITLE**

Resolution No. 81-68

WHEREAS Dr. Harold L. Enarson, on this date, has submitted his resignation of the Office of President of The Ohio State University to the Board of Trustees to be effective August 31, 1981; and

WHEREAS Dr. Enarson has given long, continuous, distinguished, and meritorious service in the extremely difficult and demanding position as President of The Ohio State University; and

WHEREAS the Board of Trustees in deep appreciation of all the efforts Dr. Enarson has made to strengthen and improve the quality of education and research at The Ohio State University and in recognition of the University's continuing desire for Dr. Enarson's advice and consultation:

NOW THEREFORE BE IT RESOLVED,

THAT the Board of Trustees accepts the resignation of Dr. Harold L. Enarson as President of The Ohio State University effective August 31, 1981; and

THAT in recognition of the courageous and dedicated service Dr. Enarson has given to The Ohio State University as chief executive officer, the Board of Trustees appoints him President Emeritus effective September 1, 1981, with all the rights, benefits and emoluments appurtenant thereto; and

THAT in recognition of the need for Dr. Enarson's advice and consultation during the initial term of the new president, Dr. Enarson continue to be paid at his current salary through the end of 1981, and that he be paid \$32,500 for the period January 1, 1982 through June 30, 1982, subject to sufficient and continuing legislative appropriations where necessary; and

THAT Dr. Enarson, at his choice, be allowed to remain and to retain his residence at the Overlook Farm until June 30, 1982, and that at such time as it is necessary to relocate, the University shall assist Dr. Enarson in moving his personal belongings from the Croswell Street residence, Overlook Farm and the President's office to some new location; and

THAT Dr. Enarson's Notice of Appointment as Professor of Public Administration be renewed for the academic year 1981-82.

Upon motion of Mr. Smith, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**SEARCH COMMITTEE**

Resolution No. 81-69

WHEREAS the Board of Trustees of The Ohio State University has this date accepted the resignation of Dr. Harold L. Enarson as President of The Ohio State University effective August 31, 1981; and

WHEREAS it is the responsibility of the Board of Trustees to insure the continuing good management of the University by selecting its president:

NOW THEREFORE BE IT RESOLVED,

THAT the Chairman of the Board of Trustees shall appoint a Search Committee with the following membership:

Four trustees, one of whom to serve as Chairman;  
A member of the University faculty;  
A student of the University;  
A Dean from one of the University Colleges;  
An alumnus of the University.

This Committee is charged with representing the interests of the University in planning and directing all aspects of a comprehensive and expeditious search for a new president, including but not limited to:

- 1) Retaining external professional assistance as required;
- 2) Developing a position description;
- 3) Developing a list of candidates;
- 4) Reviewing the qualifications of candidates; and
- 5) Recommending one or more candidates to the Board of Trustees at or before its regular meeting in June, 1981; and

BE IT FURTHER RESOLVED,

THAT in establishing the criteria for this position, the Search Committee shall consult with the Steering Committee of the University Senate, the officers of the Undergraduate Student Government, the officers of The Ohio State University Alumni Association, representatives of The Ohio State University Hospitals Board, and, as appropriate, with representatives of other university-wide organizations, employees, and constituencies, the Search Committee shall look to the office of the Secretary to the Board of Trustees for internal assistance and coordination as required during the search, and shall serve until discharged by the Board of Trustees or upon the appointment of a president.

Upon motion of Dr. Jacob, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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December 11, 1980 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, February 6, 1981, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott  
Secretary

Chester Devenow  
Chairman

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND SIXTY-FIFTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, February 6, 1981

The Board of Trustees met at its regular monthly meeting on Friday, February 6, 1981, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Chester Devenow, Chairman, Patricia D. James, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, and Leonard J. Immke.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

February 6, 1981 meeting, Board of Trustees

The Chairman, Mr. Devenow, called the meeting of the Board of Trustees to order at 12:00 noon. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering personnel-related matters.

Present: Chester Devenow, Chairman, Patricia D. James, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, and Leonard J. Immke.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

## RESOLUTIONS IN MEMORIAM

Resolution No. 81-70

*Synopsis: Resolutions honoring the service of three of this University's faculty members who have recently died are being proposed.*

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mrs. James, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Bernard F. Mooney

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 26, 1980, of Bernard F. Mooney, Professor Emeritus in the College of Education.

Professor Mooney received his M.Ed. degree from Springfield College in 1928.

Professor Mooney became a member of the faculty in the Division of Physical Education in 1923 while he also served as varsity wrestling coach for the Athletic Department. He retained this joint appointment until his retirement in 1964.

For many years, Professor Mooney was the coordinator of the Basic Required Physical Education Program for freshmen students. He taught activity skills and teacher education courses and supervised student teachers. He is the author of two books, *Boxing for Beginners* and *Wrestling for Beginners*.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.



February 6, 1981 meeting, Board of Trustees

### **RESOLUTIONS IN MEMORIAM (contd)**

Christine Rayer Nichols

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 7, 1980, of Christine Rayer Nichols, Professor Emeritus in the College of Social Work.

Professor Nichols received her Bachelor of Arts degree in 1926 from Wittenberg College and her Master of Science in Social Administration degree in 1938 from Case Western Reserve University.

Professor Nichols joined the faculty of the School of Social Work of The Ohio State University in October 1954 as an Assistant Professor. She was promoted to the rank of Associate Professor in October 1957. Professor Nichols' teaching responsibilities were centered in the area of Social Group Work. From October 1964 until her retirement in January 1970, she served as Assistant Director of the School of Social Work.

Professor Nichols served as Assistant Professor at the University of Denver School of Social Work from 1942 to 1943 and as Associate Professor at Case Western Reserve School of Applied Social Science from 1944 to 1954.

Professor Nichols' career included teaching and social work. She taught high school in Logan County from 1926 to 1936 and in Galion from 1943 to 1945. She was a social worker in North East Neighborhood House, Minneapolis, Minnesota, from 1938 to 1940. From 1940 to 1942, she was the Executive Director of Lincoln Park Community Center, Denver, Colorado.

Professor Nichols made extensive and significant contributions to professional and community groups. She was a member of the American Association of Group Workers, the American Association of Schools of Social Work, and the Council on Social Work Education. She was active with the Council of Social Agencies and the Volunteer Bureau in Denver and the YWCA in Cleveland. She was a member of the Board of Directors of the Columbus Federation of Settlements and the Board of Directors of Wittenberg University.

Professor Nichols' many contributions to the University and to society were characterized by her commitment to high standards of education and social work practice.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Wilbur E. Stuckey

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 12, 1981, of Wilbur E. Stuckey, Professor Emeritus in the Cooperative Extension Service.

February 6, 1981 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Wilbur E. Stuckey (contd)

Mr. Stuckey was born February 8, 1911, in Seneca County. He graduated from Bloomville High School in 1929 and from The Ohio State University with Bachelor of Science in Agriculture and Master of Science degrees in 1933 and 1944 respectively. He began his career with The Ohio State University in 1941 as a Teacher-Trainer in the Department of Agricultural Education. In 1944 he transferred to the Department of Agricultural Engineering as Farm Safety Specialist where he continued to serve OSU until 1952.

In 1955, Mr. Stuckey returned to The Ohio State University as Specialist and later as Assistant to the Director and finally Leader, Safety for the Ohio Cooperative Extension Service. His service to The Ohio State University included membership on several University committees including the Faculty Council, the Faculty Advisory Committee to the Board of Trustees and the President and the Rules Committee. He retired March 31, 1976.

Throughout his career he was a dedicated and highly respected educator. His efforts in safety brought distinction to him and the University. He was recognized throughout the country as an expert in safety programs. Among his contributions was the design of the slow-moving vehicle emblem which is used nationwide.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Stuckey its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to Mrs. Stuckey as sincere appreciation of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

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## SEARCH COMMITTEE

Resolution No. 81-71

*Synopsis: Change in membership of Search Committee.*

WHEREAS the Board of Trustees at the meeting held December 11, 1980, adopted Resolution No. 81-69 specifying membership on the Search Committee on Selection of a President of The Ohio State University; and

WHEREAS the Board of Trustees of The Ohio State University authorized the Chairman of the Board to appoint a Search Committee on Selection of a President of The Ohio State University; and

WHEREAS after consultation with members of the Board of Trustees, members of the faculty, and other constituent groups, it was the consensus view that the membership composition of the Search Committee should be enlarged:

February 6, 1981 meeting, Board of Trustees

**SEARCH COMMITTEE (contd)**

NOW THEREFORE

BE IT RESOLVED, That the Search Committee on Selection of a President of The Ohio State University shall comprise the following membership:

*Trustees*

Four members of the Board of Trustees

*Faculty*

Five members of the University faculty to be nominated by the Steering Committee of the University Senate

*Students*

President of the Graduate/Professional Council  
President of the Council of Graduate Students  
President of the Undergraduate Student Government  
(Appointment of student members refers to those individuals serving in office during the 1980-81 academic year)

*Dean*

A dean to be selected from one of the seventeen colleges

*Alumnus*

The President of The Ohio State University Alumni Association who will be serving during the 1981-82 academic year

*Non-Teaching Employee*

An individual who is knowledgeable about the University and who is recognized by his/her associates for competency, ability and overall interest in the University

and

BE IT FURTHER RESOLVED, That the action in changing the membership of said Committee be ratified.

Upon motion of Mr. Galbreath, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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February 6, 1981 meeting, Board of Trustees

## SEARCH COMMITTEE APPOINTEES

Resolution No. 81-72

*Synopsis: Appointments to Search Committee are recommended.*

WHEREAS in accordance with the provisions of Section 3335.09 of the Revised Code, the Board of Trustees of The Ohio State University shall elect [and] fix the compensation of the President. . .; and

WHEREAS President Harold L. Enarson has indicated his intention to resign as President of The Ohio State University on August 31, 1981; and

WHEREAS Dr. Enarson's resignation was accepted at the meeting held on December 11, 1980; and

WHEREAS the Board of Trustees authorized the Chairman of the Board to appoint a Search Committee to assist in the process of selecting a successor to President Enarson:

NOW THEREFORE

BE IT RESOLVED, That the designation of the following individuals for membership on the Search Committee be ratified:

Mr. John F. Havens, Chairman  
Mr. D. James Hilliker

### *Trustees*

Mr. Leonard J. Immke  
Dr. John D. Jacob

Dr. John B. Gabel  
Dr. Joan R. Leitzel  
Dr. William M. Protheroe

### *Faculty*

Dr. William B. Shook  
Dr. Thomas G. Skillman

Dr. Judith K. Gwathmey  
Mr. Paul LaRue

### *Students*

Mr. Scott Line

Dr. Diether Haenicke

### *Dean*

Mr. D. Wayne Ashby, Jr.

### *Alumnus*

Mrs. Janice D. Walker

### *Non-Teaching Employee*

Upon motion of Mr. Galbreath, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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February 6, 1981 meeting, Board of Trustees

## HONORARY DEGREES

Resolution No. 81-73

*Synopsis: Approval is requested for awarding honorary degrees.*

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-57 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of honorary degrees as listed below:

Richard J. Anderle  
Eileen Heckart

Doctor of Science  
Doctor of Humane Letters

NOW THEREFORE

BE IT RESOLVED, That the above honorary degrees be awarded in accordance with the recommendation at a time convenient to the University and the recipients.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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## BUDGET SUMMARY (SECOND QUARTER 1980-81)

Resolution No. 81-74

*Synopsis: The second quarter budget summary, 1980-81, is presented for review and acceptance.*

This budget summary for the second quarter 1980-81 contains revised estimates of resource and expenditure/commitment projections as actual data have become available. Included are the effects on Columbus Campus unrestricted funds of actual Autumn Quarter enrollments and the state budget cuts through the third cut announced in December. This cut resulted in a reduction of unrestricted resources of \$1.45 million with the cut to all funds totaling \$1.8 million. Revisions to restricted funds net to a \$500,000 decrease from the first quarter report representing redistributions and reclassifications of grant and contract activity along with state budget cuts. Revisions to earnings operations income and expense reflect adjustments based on activity to date.

WHEREAS the second quarter report of the 1980-81 current funds budget covering the period October through December, 1980 is presented for review by the Board of Trustees and its income and expense estimates deviate by less than one-half of 1 per cent from the 1980-81 budget approved by the Board in November, 1980; and

WHEREAS the projected expenditures and commitments of the second quarter report for 1980-81 are supported by adequate income:

February 6, 1981 meeting, Board of Trustees

**BUDGET SUMMARY (SECOND QUARTER 1980-81) (contd)**

**NOW THEREFORE**

**BE IT RESOLVED**, That the accompanying second quarter budget report be accepted.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

**THE OHIO STATE UNIVERSITY  
1980-81 CURRENT FUNDS BUDGET  
BUDGETED EXPENDITURES FOR 1980-81  
(IN THOUSANDS)**

	Revised Budget November 7, 1980	Proposed Revised Budget
<b>Columbus Campus</b>		
<b>Instruction and General</b>		
Departmental Instruction and Research	\$174,267	\$173,542
Libraries	10,984	10,808
Other Academic Support	3,849	3,748
Sponsored Programs Administration	6,307	6,297
Student Services	9,877	9,879
Plant Operation	28,360	28,409
Institutional Support	19,780	19,658
Total Instruction and General	\$253,424	\$252,341
<b>Sponsored Research</b>		
Federally Sponsored Programs	\$ 36,730	\$ 37,005
Other Externally Sponsored Programs	10,481	10,364
Internally Sponsored Programs	511	505
Total Sponsored Research	\$ 47,722	\$ 47,874
<b>Public Service</b>		
University Hospitals	\$100,182	\$ 99,661
Cooperative Extension Service	22,144	22,122
Externally Sponsored Programs	16,162	15,990
Internally Sponsored Programs	5,572	5,370
Total Public Service	\$144,060	\$143,143
Student Aid	\$ 7,019	\$ 7,341

February 6, 1981 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
1980-81 CURRENT FUNDS BUDGET  
BUDGETED EXPENDITURES FOR 1980-81  
(IN THOUSANDS) (contd)

	Revised Budget November 7, 1980	Proposed Revised Budget
Columbus Campus (contd)		
Auxiliaries		
Student Housing	\$ 24,761	\$ 24,764
Intercollegiate Athletics	10,326	10,451
University Bookstores	6,119	6,519
Student Health Service	2,925	2,901
Student Unions	2,885	2,885
Parking Facilities	3,247	3,247
University Airport	2,917	2,917
Fawcett Center for Tomorrow	1,767	1,767
Other	751	751
Total Auxiliaries	\$ 55,698	\$ 56,202
TOTAL COLUMBUS CAMPUS	\$507,923	\$506,901
Regional Campuses		
Administration	\$ 197	\$ 198
Lima Campus	2,710	2,684
Mansfield Campus	2,730	2,684
Marion Campus	1,564	1,571
Newark Campus	2,252	2,272
Agricultural Technical Institute	2,950	2,896
Wright-Patterson Graduate Center	100	100
TOTAL REGIONAL CAMPUSES	\$ 12,503	\$ 12,405
GRAND TOTAL	\$520,426	\$519,306

February 6, 1981 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
1980-81 CURRENT FUNDS BUDGET  
SOURCES OF INCOME TO SUPPORT 1980-81 BUDGET  
(IN THOUSANDS)

	Revised Estimate November 7, 1980	Proposed Revised Estimate
<b>Columbus Campus</b>		
Government Appropriations		
State of Ohio	\$169,489	\$163,039
Federal	68,386	68,683
Other	8,362	8,306
Subtotal	\$246,237	\$240,028
Student Fees		
Instruction and General	\$ 68,760	\$ 71,241
Room and Board	20,050	20,050
Other	3,997	3,680
Subtotal	\$ 92,807	\$ 94,971
Other Income		
Auxiliary Sales and Charges	\$122,119	\$122,551
Department and University Services	15,074	15,124
Endowment Income	4,782	4,782
Gifts and Grants	20,153	20,393
Temporary Investments	7,500	9,000
Subtotal	\$169,628	\$171,850
TOTAL COLUMBUS CAMPUS	\$508,672	\$506,849
<b>Regional Campuses</b>		
Lima Campus	\$ 3,038	\$ 3,029
Mansfield Campus	3,134	3,047
Marion Campus	1,829	1,801
Newark Campus	2,666	2,687
Agricultural Technical Institute	3,234	3,209
Wright-Patterson Graduate Center	100	100
TOTAL REGIONAL CAMPUSES	\$ 14,001	\$ 13,873
GRAND TOTAL	\$522,673	\$520,722

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February 6, 1981 meeting, Board of Trustees

President Enarson:

With respect to the next item which is a matter of expanding slightly as an employee education/self-improvement program, they simply modified the terms of eligibility in some relatively small, but we think significant, fashion. I'm wondering, Madison, if you would care to speak to this because you have been intimately involved in the shaping of this particular revision.

Mr. Scott:

Mr. President, Mr. Chairman, and Members of the Board, you may recall April 1--a year ago--the Board of Trustees passed a resolution which, in effect, limited the number of course hours that persons who were regular employees could take as students of the University. I believe it was limited to eight for undergraduate work and six for graduate work. The policy, you may be aware, was challenged in several places by several groups of persons. One was the Personnel Board of Review and subsequently, in the courts. The courts affirmed the Board of Trustees' authority as well as the Personnel Board of Review to specify conditions of employment for persons who were employed as regular employees. The policy was also challenged as a part of a collective bargaining agreement that we have with the Ohio Nurses Association. As a part of that agreement, as you may know, there is what is called a binding arbitration feature of anything that goes through the grievance process. In the binding arbitration part of this grievance, the arbitrator, in keeping with the agreement, concluded that the University had, indeed, not complied with the contractual terms of that agreement. In response both to the court opinion as well as to the arbitrated determination, it has been suggested by a number of persons that we should modify the policy slightly to raise the number of hours that a full-time employee might take and not be penalized for taking course work at the University and the limits now would be ten hours in any one academic quarter, and more specifically, if there were special requirements that an individual would have to take that would be required for graduation, the University would be in position to make an exception to that.

#### **EMPLOYEE EDUCATION/SELF-IMPROVEMENT**

Resolution No. 81-75

*Synopsis: Employee Education/Self-Improvement Program is being proposed.*

WHEREAS the University encourages regular non-teaching staff members to further their education and self-improvement; and

WHEREAS "regular" employment is defined as employment which is continuous in nature with the University and carries with it the term "regular appointment" and customarily requires the services of an individual on a regularly scheduled and continuing basis; and

WHEREAS opportunities are provided to eligible regular non-teaching staff to enroll in coursework at the University and be reimbursed instructional and general fees and non-residence fees, for up to seven credit hours of coursework per academic quarter as set forth in § 10 of the University Operating Manual; and

February 6, 1981 meeting, Board of Trustees

### EMPLOYEE EDUCATION/SELF-IMPROVEMENT (contd)

WHEREAS it has been determined that in order to ensure reasonable and uniform application of this policy, the privilege extended to regular non-teaching staff to enroll as students of the University should be limited and subject to a definitive policy statement:

#### NOW THEREFORE

BE IT RESOLVED, That effective Spring Quarter, 1981 regular non-teaching staff may enroll as students in degree-granting or other credit programs of the University for not more than ten credit hours of coursework per academic quarter; and

BE IT FURTHER RESOLVED, That exception to the ten-hour maximum limit of this policy may be made only upon recommendation of the appropriate administrative official and concurrence of the Office of Personnel Services and only if the applicant seeking the exception demonstrates that it is necessary to permit the applicant to take a course required for graduation which is not otherwise available to the applicant; and

BE IT FURTHER RESOLVED, That this policy supersedes Board of Trustees' Resolution No. 80-46, dated November 30, 1979.

Upon motion of Mr. Immke, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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### PERSONNEL ACTIONS

Resolution No. 81-76

*Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointment, Reappointment of Chairmen of Departments and Director of School, Medical Staff Appointments, Leaves of Absence Without Salary, and Emeritus Titles are recommended for approval.*

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the December 11, 1980 meeting of the Board, including the following Appointment, Reappointment of Chairmen of Departments and Director of School, Medical Staff Appointments, Leaves of Absence Without Salary, and Emeritus Titles as detailed in the University Budget for 1980-81, be approved.

#### Appointment

Name:	OSCAR FISCH
Title:	Professor and Chairman
Department:	City and Regional Planning
Salary:	\$48,000.00 (12-month)
Effective:	February 1, 1981
Present Position:	Professor, Department of City and Regional Planning

February 6, 1981 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

Reappointment of Chairmen of Departments and Director of School

July 1, 1981 through June 30, 1985

Microbiology  
Music

Robert M. Pfister  
David L. Meeker

October 1, 1981 through September 30, 1985

German  
Linguistics

David Benseler  
David Dowty

Medical Staff Appointments

Effective December 3, 1980

Name	Appointment	Clinical Division
Gregory I. Brooks, D.O.	Courtesy Staff	Pediatrics
John D. Martino, M.D.	Courtesy Staff	Anesthesiology

Leaves of Absence Without Salary

J. DENNIS NOLAN, Professor, Department of Psychology, effective October 1, 1981 through December 31, 1981, to perform research at Fairview Hospital.

JERROLD RICHARD VOSS, Professor, Department of City and Regional Planning, effective January 1, 1981 through June 30, 1981, to continue in his post as Deputy Director of Research and Development for the United Nations Center for Human Settlements.

MCHENRY BOATWRIGHT, Associate Professor, School of Music, effective January 1, 1981 through September 30, 1981, to continue his work on the Duke Ellington Sacred Mass at St. John's Cathedral the Divine in New York.

Emeritus Titles

JACK CALVERT, Department of Chemistry, with the title Professor Emeritus, effective February 1, 1981.

FRANK W. CHORPENNING, Department of Microbiology, with the title Professor Emeritus, effective February 1, 1981.

SAMUEL CORSON, Department of Psychiatry, with the title Professor Emeritus, effective February 1, 1981.

FRED E. KINDIG, Academic Faculty of Accounting, with the title Professor Emeritus, effective January 1, 1981.

February 6, 1981 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Emeritus Titles (contd)

WILLIAM H. PEAKE, Department of Electrical Engineering, with the title Professor Emeritus, effective January 1, 1981.

JOHN A. PRIOR, Department of Medicine, with the title Professor Emeritus, effective July 1, 1981.

D. ALEXANDER SEVERINO, Academic Faculty of Educational Foundations and Research, with the title Professor Emeritus, effective February 1, 1981.

MERLE E. SCHEETZ, Cooperative Extension Service, with the title Associate Professor Emeritus, effective January 1, 1981.

CLYDE D. GUMP, College of Dentistry (Prosthodontics), with the title Assistant Professor Emeritus, effective January 1, 1981.

VIRGINIA E. SMILEY, University Libraries, with the title Assistant Professor Emeritus, effective January 1, 1981.

Upon motion of Mr. Smith, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 81-77

*Synopsis: The reports on contracts, grants, and gifts and the summaries for November and December are presented for Board acceptance.*

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through the The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

#### NOW THEREFORE

BE IT RESOLVED, That the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Office of Business and Administration, the Engineering Experiment Station and The Ohio State University Development Fund during the months of November and December, 1980, be approved.

Upon motion of Mr. Galbreath, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

February 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**SUMMARY FOR NOVEMBER 1980**

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	48	\$3,017,763.00
Engineering Experiment Station	16	114,302.00
		\$3,132,065.00
The Ohio State University Development Fund		
Establishment of Named Funds		
The C. Victor Kendall Loan Fund (College of Agriculture and Home Economics)		\$ 64,429.00
Carl L. and Elizabeth Broughton Scholarship in Agriculture Fund (College of Agriculture and Home Economics)		\$ 50,000.00
The John B. Nordholt Professorship in Mechanical Engineering or Metallurgical Engineering Fund (Department of Mechanical or Metallurgical Engineering)		\$ 39,463.58
The Ernest Robert Keppel Foundation Fund (Undergraduate scholarships)		\$ 34,446.92
The Evan J. Crane Memorial Scholarship Fund (Undergraduate Scholarships - College of Agriculture and Home Economics)		\$ 14,515.00
The Ruth L. Higgins Memorial Scholarship Fund (Graduate student scholarships - Department of History)		\$ 11,996.47

February 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**SUMMARY FOR NOVEMBER 1980 (contd)**

**Report from Presidents Club**

Members to date	4,432
1980: year to date	1,053
New members - November 1980	7

**New Presidents Club Members - November 1980**

Cynthia J. Cochran (Mrs. Jamme J.)	Bruce W. Trager
Robert S. Donoho, Jr.	Edith Walter (Mrs. William A.)
William C. Kraner	Robert L. Wigor
Philip Parsons	

February 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**SUMMARY FOR DECEMBER 1980**

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	72	\$4,275,472.30
Engineering Experiment Station	30	11,772.00
		\$4,287,244.30
The Ohio State University Development Fund		
Establishment of Named Funds		
William H. Davis Scholarship Fund for Basic Medical Research (Departments of Surgery and Medicine)		\$ 184,546.25
The James Hay and Ruth Jansson Wilson Professorship in Cardiology Fund (Proposed professorship in cardiology)		\$ 55,175.00
The Frank J. Tate Scholarship in Journalism (School of Journalism)		\$ 7,500.00
The Gerald B. Rice Memorial Fund (Gerald B. Rice Theatre Prize - Mansfield Campus)		\$ 6,000.00
The D. Lois Gilmore Memorial Award (Department of Textiles and Clothing)		\$ 5,000.00
The Robert E. Schaefer Scholarship Fund (School of Journalism)		\$ 5,000.00
Shirley A. Brooks Scholarship in Agriculture (Undergraduates in College of Agriculture and Home Economics)		\$ 3,500.00
The Judge William M. Drennen Award Fund (College of Law)		\$ 3,095.00

February 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**SUMMARY FOR DECEMBER 1980 (contd)**

**Report from Presidents Club**

Members to date	4,443
1980: year to date	1,064
New members - December 1980	11

**New Presidents Club Members - December 1980**

Priscilla D. Banning  
(Mrs. George W.)  
Dale E. Crossen  
C. William Frysinger  
Maureen S. Frysinger  
(Mrs. C. William)  
Marilyn J. Huheey

Bette F. Lagos (Mrs. John H.)  
Daniel R. McGahagan  
Barbara C. Nordholt  
(Mrs. James S.)  
Gilbert H. Reese  
Richard G. Reichel  
Carl W. Thomas



February 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**SECOND QUARTER SUMMARY**

October 1, 1980 through December 31, 1980

**OFFICE OF BUSINESS AND ADMINISTRATION**

Source	No. of Projects	Support Level
FEDERAL	2	\$ 42,000.00
OTHER NON-FEDERAL	1	694,860.00
GRAND TOTAL	3	\$736,860.00

February 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**SECOND QUARTER SUMMARY**

October 1, 1980 through December 31, 1980

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

Source	No. of Projects	Support Level
<b>FEDERAL</b>		
National Aeronautics and Space Administration	8	\$ 277,828.00
National Science Foundation	17	1,101,800.00
Department of Defense	39	2,457,942.00
Department of Energy	1	60,500.00
Department of Education	4	697,768.00
Department of Health and Human Services	34	5,009,743.00
Other Federal	17	1,380,004.00
TOTAL - FEDERAL	120	\$10,985,585.00
STATE OF OHIO	16	\$ 1,158,695.00
INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL SPONSORS	62	\$ 1,311,008.90
GRAND TOTAL	198	\$13,455,288.90

February 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**SECOND QUARTER SUMMARY**

**October 1, 1980 through December 31, 1980**

**ENGINEERING EXPERIMENT STATION**

Source	No. of Projects	Support Level
FEDERAL	2	\$ 14,158.00
STATE OF OHIO	1	41,056.00
INDUSTRIAL AND OTHER	98	505,689.00
GRAND TOTAL	101	\$560,903.00

February 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

**Federal Research Contracts/Grants**

\$600,000.00 - Department of Health and Human Services, Social Security Administration, Division of Contracts and Grants Management, Baltimore, Maryland, A Study to Determine Extent of Impairment and Potential Social Security Disability Eligibles, Mershon Center for Education in National Security (S. Z. Nagi), 29 September 1980 through 28 September 1982. (Project 762426 - Continuation)

\$180,000.00 - Department of the Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Jam Resistant Communications Systems Techniques, Department of Electrical Engineering, ElectroScience Laboratory (A. A. Ksienski and W. D. Burnside), 1 October 1980 through 30 September 1981. (Project 761461 - Continuation)

\$116,573.00 - Environmental Protection Agency, Washington, D. C., Disinfection of Giardia Lamblia Cysts with Chlorine, Chlorine Dioxide and Ozone, Department of Civil Engineering (O. J. Sproul and A. J. Rubin) and Department of Medicine (J. J. Fromkes), 27 October 1980 through 26 October 1982. (Project 762487 - New)

\$110,000.00 - Department of the Interior, Office of Water Research and Technology, Washington, D. C., Water Resources Center Annual Cooperative Program, Engineering Experiment Station, Water Resources Center (R. C. Stiefel), Department of Zoology (T. M. Cavender and D. A. Culver), Department of Chemical Engineering (L. S. Fan), and Department of Entomology (W. J. Collins), 1 October 1980 through 30 September 1981. (Project 762387 - Continuation)

\$100,000.00 - Department of the Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Advanced RCS Reduction, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 1 October 1980 through 30 September 1981. (Project 762363 - Continuation)

\$98,635.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Silver Spring, Maryland, Phase I/II Clinical Evaluation of Biological Response Modifiers for the Treatment of Cancer, Department of Medicine (J. J. Rinehart and J. A. Neidhart), 30 September 1980 through 31 October 1981. (Project 762482 - New)

\$91,586.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Rites of Adjustment: Therapy at the Workplace, Academic Faculty of Labor and Human Resources, Center for Human Resource Research (D. M. Ronchi), 25 September 1980 through 31 August 1981. (Project 762434 - New)

February 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$90,300.00 - National Science Foundation, Washington, D. C., Investigation of Comagmatic Complexes Using Isotope Systematics, Department of Geology and Mineralogy (K. A. Foland), 1 November 1980 through 31 October 1982. (Project 762479 - New)

\$90,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Research on Computer Database Systems, Department of Computer and Information Science (D. K. Hsiao), 15 September 1980 through 14 September 1981. (Project 760226 - Continuation)

\$80,000.00 - Department of the Air Force, Electronic Systems Division (AFSC), Hanscom Air Force Base, Massachusetts, RCS Studies of Jet Intakes, Department of Electrical Engineering, ElectroScience Laboratory (P. Pathak), 1 October 1980 through 30 September 1981. (Project 762016 - Continuation)

\$76,377.00 - Department of the Air Force, Electronic Systems Division (AFSC), Hanscom Air Force Base, Massachusetts, The Study of Factors Affecting the Precise Estimation of the Earth's Gravity Field, Department of Geodetic Science (R. H. Rapp), 1 October 1980 through 31 October 1981. (Project 761451 - Continuation)

\$70,000.00 - Department of the Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, EO Device Signature Reduction, Department of Electrical Engineering, ElectroScience Laboratory (E. Damon), 1 October 1980 through 31 August 1981. (Project 762341 - Continuation)

\$59,300.00 - National Science Foundation, Washington, D. C., Coriolis-Force Modifications of Three-Dimensional Stratified Flows, Department of Aeronautical and Astronautical Engineering (M. R. Foster), 1 November 1980 through 31 October 1982. (Project 762483 - Continuation)

\$57,287.00 - National Aeronautics and Space Administration, Washington, D. C., Investigation of Infrared Spectra of Atmospheric Gases to Support Stratospheric Spectroscopic Investigations, Department of Physics (J. H. Shaw), 1 November 1980 through 31 October 1981. (Project 761420 - Continuation)

\$55,000.00 - National Science Foundation, Washington, D. C., Molecular Studies of Genetic Regulation in Neurospora, Department of Biochemistry (G. A. Marzluf), 1 December 1980 through 30 November 1981. (Project 762490 - Continuation)

\$51,422.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Acanthamoeba Strain Comparisons: Mitochondrial DNA, Department of Microbiology (T. J. Byers), 1 December 1980 through 30 November 1981. (Project 762493 - New)

February 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$49,986.00 - Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, Microstrip Analysis Techniques, Department of Electrical Engineering, ElectroScience Laboratory (E. H. Newman), 1 November 1980 through 31 October 1982. (Project 762478 - Continuation)

\$46,473.00 - National Science Foundation, Washington, D. C., Optimal Sociality, Department of Zoology (T. C. Grubb), 1 November 1980 through 31 October 1982. (Project 761505 - Continuation)

\$44,712.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, The Color and Brightness Channels of the Visual System, Division of Sensory Biophysics (C. R. Ingling, Jr.), 30 September 1980 through 29 September 1981. (Project 761926 - Continuation)

\$43,459.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Environmental and Genetic Effects on Gravity Receptors: A Morphological, Physiological and Behavioral Study, Department of Otolaryngology (D. J. Lim), 1 October 1980 through 30 September 1981. (Project 760657 - Continuation)

\$41,211.00 - Department of the Air Force, Electronic Systems Division, Hanscom Air Force Base, Massachusetts, Extending the Geometrical Theory of Diffraction Using the Moment Method, Department of Electrical Engineering, ElectroScience Laboratory (R. G. Kouyoumjian), 1 October 1980 through 30 September 1981. (Project 761245 - Continuation)

\$40,000.00 - National Science Foundation, Washington, D. C., Molecular Beam Studies of Reactions of Laser-Excited Metal Atoms with Gases Using Spectroscopic Detection of Products, Department of Chemistry (J. M. Parson), 1 March 1981 through 28 February 1982. (Project 762056 - Continuation)

\$36,000.00 - Department of Health and Human Services, Public Health Service, Food and Drug Administration, Bureau of Veterinary Medicine, Rockville, Maryland, A Study to Develop an Experimental Disease Model in Horses, Department of Veterinary Physiology and Pharmacology (T. E. Powers), 22 September 1980 through 28 September 1981. (Project 761916 - Continuation)

\$26,803.00 - Department of the Air Force, Aeronautical Systems Division (AFSC) Wright-Patterson Air Force Base, Ohio, Investigation of the Boundary Layer Behavior on Turbine Airfoils, Department of Mechanical Engineering (L. S. Han), 1 October 1980 through 1 June 1981. (Project 761650 - Continuation)

February 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$20,384.00 - Department of Education, Office of Higher and Continuing Education, Washington, D. C., Ohio State University Law School Clinical Experience Program, College of Law (C. Thompson), 1 January 1981 through 31 December 1981. (Project 762471 - New)

\$9,909.00 - Department of the Navy, Naval Research Laboratory, Washington, D. C., Program Planning Measurement of Surface Ship Radar Backscatter at HF for Target Identification Studies, Department of Electrical Engineering, Electro-Science Laboratory (A. A. Ksienski and E. K. Walton), 19 September 1980 through 30 November 1980. (Project 762427 - New)

\$7,926.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Open Loop Forcing of Chest Volume and CO<sub>2</sub> Concentration, Department of Physiology (A. L. Kunz), 1 December 1980 through 31 March 1981. (Project 761572 - Continuation)

\$7,670.00 - National Science Foundation, Washington, D. C., Doctoral Dissertation Research in Earth Sciences, Institute of Polar Studies (D. H. Elliot, W. J. Zinsmeister, and T. J. DeVries), 1 November 1980 through 31 October 1982. (Project 762492 - New)

**TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS** **\$2,301,013.00**

**State of Ohio Research Contracts/Grants**

\$187,499.00 - State of Ohio, Department of Health, Columbus, Ohio, Care of the High Risk Mother and Infant, Department of Pediatrics (L. Cordero), 1 October 1980 through 30 September 1981. (Project 764100 - Continuation)

\$116,849.00 - State of Ohio, Public Utilities Commission, Columbus, Ohio, Telecommunications Technical Assistance, National Regulatory Research Institute (D. N. Jones and C. Mount-Campbell), 15 October 1980 through 14 October 1981. (Project 762466 - Continuation)

\$7,500.00 - State of Ohio, Department of Health, Columbus, Ohio, Anti-Ganglioside Antibody Activity in the Serum of Patients with Lupus Erythematosus, Department of Medicine (R. L. Whisler and C. L. Hitchcock), 1 November 1980 through 30 June 1981. (Project 762481 - New)

\$3,000.00 - State of Ohio, Department of Health, Columbus, Ohio, Assessing and Preventing Deformity in Juvenile Rheumatoid Arthritis, School of Allied Medical Professions (C. Burnett), 1 November 1980 through 30 June 1981. (Project 762475 - New)

**TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS** **\$ 314,848.00**

February 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants**

\$98,061.00 - The Colorado Public Utilities Commission, Denver, Colorado, Technical Assistance with Electric Time-of-Use Pricing, Interruptible Rates, and Load Forecasting, National Regulatory Research Institute (D. N. Jones and K. A. Kelly), 29 August 1980 through 31 March 1981. (Project 762394 - New)

\$85,994.00 - Southwest Research Institute, San Antonio, Texas, Electromagnetic Reradiation Theoretical Prediction for Complex Building Structures, Department of Electrical Engineering, ElectroScience Laboratory (E. H. Newman), 23 October 1980 through 23 December 1981. (Project 762461 - Continuation)

\$43,614.00 - Cedars-Sinai Medical Center, Los Angeles, California, Cooperative Clinical Trial on the Dissolution of Gallstones by Bile Acid Feeding, Department of Medicine (F. B. Thomas and H. S. Mekhjian), 1 September 1980 through 31 August 1981. (Project 762380 - Continuation)

\$40,838.00 - Muscular Dystrophy Association, New York, New York, Carrier Detection Studies in Duchenne Muscular Dystrophy Families Participating in MDA Drug Protocol, Department of Medicine (J. R. Mendell), 1 November 1980 through 31 October 1981. (Project 762494 - New)

\$25,986.00 - The New York State Education Department, Division of Occupational Education Supervision, Albany, New York, Consortium for the Development of Professional Materials for Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1980 through 31 August 1981. (Project 762472 - Continuation)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Erythrocyte Beta Receptors: Reliability and Application, Department of Medicine (D. V. Unverferth), 1 November 1980 through 31 October 1981. (Project 762488 - New)

\$17,620.00 - Upper Arlington Public Schools, Upper Arlington, Ohio, Career Education Intern Project, Academic Faculty of Special Services (J. J. Quaranta), 1 September 1980 through 1 June 1981. (Project 762476 - New)

\$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, *In Vitro* Valve Fibroblasts, Department of Pathology (N. Baba), 1 November 1980 through 31 October 1981. (Project 762486 - New)

\$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Radioimmunologic Diagnosis of Acute Renal Tubular Injury, Department of Medicine (R. A. Zager), 1 November 1980 through 31 October 1981. (Project 762489 - New)



February 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Regulation of NAD Linked Malic Enzyme in Heart, Department of Food Science and Nutrition (K. Roehrig), 1 November 1980 through 31 October 1981. (Project 762485 - New)

\$11,919.00 - Franklin County Board of Mental Health and Retardation, Columbus, Ohio, Enhancement of the Decision Support System, Academic Faculty of Management Science (D. A. Schilling), 1 October 1980 through 30 September 1981. (Project 762477 - New)

\$7,731.00 - Southeast Ohio Technical Education Consortium, Nelsonville, Ohio, Contractual Agreement to Teach Certain Agricultural Courses at Belle Valley, Ohio, for the Southeast Technical Education Consortium, Cooperative Extension Service - State Operations (C. Cunningham) and Cooperative Extension Service - Field Operations (D. P. Miller and L. G. Sanford), 15 September 1980 through 31 December 1980. (Project 762491 - New)

\$6,000.00 - Caldwell Community College and Technical Institute, Hudson, North Carolina, Implementing Competency-Based Occupational Education Programs, National Center for Research in Vocational Education (R. E. Taylor), 1 October 1980 through 30 September 1981. (Project 762474 - Continuation)

\$5,000.00 - The Petroleum Research Fund, American Chemical Society, Washington, D. C., Rapid Three-Carbon Annulations, Department of Chemistry (D. J. Hart), 1 July 1980 through 30 June 1981. (Project 761771 - Continuation)

\$3,139.00 - Utah Technical College, Provo, Utah, and Milwaukee Area Technical College, Milwaukee, Wisconsin, Postsecondary Alliance - Evaluation Program Option A - Clearinghouse, National Center for Research in Vocational Education (R. E. Taylor), 1 May 1980 through 30 June 1981. (Project 762195 - Continuation)

\$2,000.00 - Milwaukee Area Technical College, Milwaukee, Wisconsin, and Utah Technical College, Provo, Utah, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1980 through 30 June 1981. (Project 761599 - Continuation)

**TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-  
FEDERAL RESEARCH CONTRACTS/GRANTS**

**\$ 401,902.00**

February 6, 1981 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **ENGINEERING EXPERIMENT STATION**

#### **State Sponsored Research and Development**

**\$41,056.00** - State of Ohio, Department of Transportation, Columbus, Ohio, Evaluation of Asphalt Pavement Recycling in Ohio: A Laboratory and Field Investigation, Department of Civil Engineering, Transplex, September 4, 1980 through September 3, 1981. (EES599/529079, Extension 1)

#### **Industrial and Other Sponsored Research and Development**

**\$60,000.00** - \$30,000.00 from each: IBM, Armonk, New York, and GM Technical Center, Warren, Michigan, The Center for Welding Research, Department of Welding Engineering, July 1, 1980 through June 30, 1981. (EES610/529690)

**\$13,246.00** - various industries for 14 development projects operated by three departments and research areas.

#### **TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH AND DEVELOPMENT**

**\$73,246.00**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

#### **Gifts of \$5,000 or More**

**\$29,000.00** - The Dow Chemical Company, Midland, Michigan--\$12,500.00 for Dow Research Fellowship; \$10,000.00 for Dow Fellowship in Selective Oxygenation; \$4,500.00 for Chemistry Department Dow Research Support Fund; and \$2,000.00 for Minority Assistance in the College of Administrative Science Fund.

**\$20,000.00** - Mansfield University Foundation, Inc., Mansfield, Ohio--\$18,000.00 for Mansfield Campus Scholarship Fund and \$2,000.00 for Mansfield Campus Support Fund.

**\$13,700.00** - The Leo Yassenoff Foundation, Columbus, Ohio--\$1,000.00 for Arts and Sciences Vice Provost Discretionary Fund; \$1,000.00 for University College Fund; \$1,000.00 for College of Medicine Progress Fund; \$1,000.00 for Social and Behavioral Sciences Support Fund; \$1,000.00 for College of the Arts Support Fund; \$1,000.00 for Journalism Director's Special Fund; \$1,000.00 for College of Agriculture and Home Economics Dean's Discretionary Fund; \$1,000.00 for College of Mathematical and Physical Sciences Dean's Emergency Fund; \$1,000.00 for College of Administrative Science Fund; \$1,000.00 for Graduate School Special Fund; \$1,000.00 for College of Social Work Emergency Fund; \$1,000.00 for Humanities Support Fund; \$500.00 for College of Law Student Financial Aid Fund; \$500.00 for College of Law Advancement Fund; \$500.00 for Physical Medicine Support Fund; and \$200.00 for Yassenoff Polar Studies Fund.

February 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$11,400.00 - Eastman Kodak Company, Rochester, New York--\$2,000.00 for Eastman Kodak Scholarship in Chemical Engineering; \$2,000.00 for Eastman Kodak Scholarship in Mechanical Engineering; \$2,000.00 for Eastman Kodak Scholarship in Industrial Engineering; \$2,000.00 for Eastman Kodak Scholarship in Electrical Engineering; \$850.00 for ISE Advancement Fund; \$850.00 for Electrical Engineering Chairman's Discretionary Fund; \$850.00 for Department of Chemical Engineering Support Fund; and \$850.00 for I. G. Brenner Fund for Engineering.

\$10,000.00 - Alcoa Foundation, Pittsburgh, Pennsylvania, for Affirmative Action Program in Engineering Fund.

\$10,000.00 - Ciba-Geigy Limited, Ardsley, New York, for Reproductive Research Fund.

\$10,000.00 - Exxon Education Foundation, New York, New York, for Exxon Fellowship in Metallurgical Engineering.

\$10,000.00 - Ford Motor Company, Dearborn, Michigan--\$5,000.00 for Corporate Associates and \$5,000.00 for Affirmative Action Program in Engineering Fund.

\$10,000.00 - The Merck Company Foundation, Rahway, New Jersey, for Medicine-Clinical Pharmacology Fund.

\$10,000.00 - R. L. Wigor, Cincinnati, Ohio, for Presidents Club Special Fund.

\$8,010.00 - Goal Systems Corporation, Columbus, Ohio, for BIO-CMI Program Fund.

\$8,000.00 - The Standard Oil Company, Cleveland, Ohio, for Sohio Fellowship in Chemistry.

\$7,500.00 - Amoco Foundation, Inc., Chicago, Illinois--\$6,000.00 for Distinguished Teachers Awards Fund and \$1,500.00 for President's Emergency Fund.

\$7,356.00 - Moffitt Royalty Trust, San Antonio, Texas, for Melvin E. Moffitt Memorial Fund.

\$6,540.83 - Systems Associates, Inc., Columbus, Ohio, for Cardiology Support Fund.

\$6,362.49 - Mid Ohio Automotive, Inc., Columbus, Ohio, for Dr. Winter's GU Fund.

February 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$6,000.00 - A. H. Robins Company, Inc., Richmond, Virginia, for Menopausal Patient Follow-up Project.

\$6,000.00 - Rockwell International, Pittsburgh, Pennsylvania, for Gear Lab Fund.

\$5,350.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for Samuel J. Roessler Memorial Fund.

\$5,000.00 - Mr. and Mrs. Walter English, Columbus, Ohio, for University Atrium Fund.

\$5,000.00 - Walter H. Kidd, Baltimore, Ohio--\$2,500.00 for Architecture School Fund and \$2,500.00 for Ohio State National Merit Scholarship Fund.

\$5,000.00 - Landmark, Inc., Columbus, Ohio, for Endowed Professorship in Plant Protection.

\$5,000.00 - Mr. H. Dana Williams, Wilmington, Ohio, for Mid-America Solar Energy Complex Grant.

**Gifts-in-Kind**

\$30,112.50 - Mr. and Mrs. Horatio Ebert, Medina, Ohio (1,100 shares of Rubbermaid, Inc., stock), for Cancer Research Fund.

\$8,118.75 - Mr. James V. Armogida, North Canton, Ohio (150 shares of International Mineral and Chemical Corporation stock), for College of Law Advancement Fund.

**Establishment of Named Funds**

**The C. Victor Kendall Loan Fund**

The C. Victor Kendall Loan Fund was established February 6, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estate of Catherine K. Kendall, in memory of her husband, C. Victor Kendall, B.S.Agr. '21, M.A. '29, Carroll County, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from the fund is to be used for loans, without interest, to students in the field of conservation and natural resources in the College of Agriculture and Home Economics who are in need of financial assistance. The selection of the recipient(s) is to be made upon the recommendation of the Dean of the College of Agriculture and Home Economics.

February 6, 1981 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **The C. Victor Kendall Loan Fund (contd)**

Should the need for this loan fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Dean of the College of Agriculture and Home Economics.

##### **Carl L. and Elizabeth Broughton Scholarship in Agriculture Fund**

The Carl L. and Elizabeth Broughton Scholarship in Agriculture Fund was established February 6, 1981, by the Board of Trustees of The Ohio State University with a generous gift from Carl L. and Elizabeth Broughton of Marietta, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income will be used to support undergraduate scholarships for worthy students enrolled in educational programs administered by or through the College of Agriculture and Home Economics. Recipients will be selected by the University Committee on Student Financial Aid based on recommendations of a committee comprised of the Dean of the College of Agriculture and Home Economics, the Associate Dean for Agriculture, and the Assistant Dean for Student Affairs in the College of Agriculture and Home Economics. Preference will be given to recipients who are residents of Ohio, West Virginia or Kentucky. Basis for the awards will encompass scholarship, leadership in extracurricular and/or financial need.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income from the fund may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the appropriate official of the University who is then directly responsible for agricultural curricula at The Ohio State University.

##### **The John B. Nordholt Professorship in Mechanical Engineering or Metallurgical Engineering Fund**

The John B. Nordholt Professorship in Mechanical Engineering or Metallurgical Engineering Fund was established February 6, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Mr. and Mrs. John B. Nordholt, Jr., and Mr. and Mrs. Shelby Nordholt, Sr., in memory of John B. Nordholt, Sr., M.E. '08, formerly of Tiffin, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

February 6, 1981 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **The John B. Nordholt Professorship in Mechanical Engineering or Metallurgical Engineering Fund (contd)**

The annual income is to be used to provide support for the work of a distinguished teacher, researcher and engineer in mechanical or metallurgical engineering. Appointment to the Nordholt Professorship will be recommended by the Dean of the College of Engineering to the President and approved by the Board of Trustees.

Should the need for this faculty position cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for mechanical and metallurgical engineering education.

##### **The Ernest Robert Keppel Foundation Fund**

The Ernest Robert Keppel Foundation Fund was established February 6, 1981, by the Board of Trustees of The Ohio State University through The Ohio State University Development Fund from the Estate of Emily C. Keppel, Seneca County, Ohio, in memory of her husband, Ernest Robert Keppel.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from this fund shall be used to grant scholarships to deserving students of the University. The University College Dean and University Treasurer, or their successors in office, shall be responsible for the administration of the fund.

Should the need for The Ernest Robert Keppel Foundation Fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative officials of the University who are then directly responsible for scholarships.

##### **The Evan J. Crane Memorial Scholarship Fund**

The Evan J. Crane Memorial Scholarship Fund was established February 6, 1981, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Helen G. Crane, B.A. '16, in memory of her husband, Dr. Evan J. Crane, B.A. '11, D.Sc. '38, who served as Editor of Chemical Abstracts from 1915 to 1958 and Director of Chemical Abstracts Service from 1956 to 1958.

February 6, 1981 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **The Evan J. Crane Memorial Scholarship Fund (contd)**

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduate students who have demonstrated academic ability and need for financial assistance. Preference is to be given to students from Canal Winchester, Ohio, who intend to enroll in the College of Agriculture and Home Economics. The selection of the recipient is to be made upon the recommendations of the University Scholarship Committee in cooperation with the Dean of the College of Agriculture and Home Economics.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for agriculture and home economics education.

##### **The Ruth L. Higgins Memorial Scholarship Fund**

The Ruth L. Higgins Memorial Scholarship Fund was established February 6, 1981, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Ruth L. Higgins, Ph.D. '26, of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarship assistance to one or more graduate students in the Department of History, College of Humanities. The selection of the recipient(s) is to be made upon the recommendations of the appropriate committees selected by the Dean of the College of Humanities and the Chairman of the Department of History.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships.

February 6, 1981 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

#### **Federal Research Contracts/Grants**

**\$402,109.00** - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, OSU Comprehensive Cancer Center Support (Core) Grant - Administration, Cancer Research Center (D. S. Yohn), 1 July 1980 through 30 June 1981. (Project 763976 - Continuation)

**\$282,346.00** - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, General Clinical Research Center Branch, Bethesda, Maryland, General Clinical Research Center, College of Medicine - Administration (M. Tzagournis) and Department of Medicine (W. B. Malarkey), 1 December 1980 through 30 November 1981. (Project 761196 - Continuation)

**\$174,250.00** - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunoprevention of Cancer in Cats, Department of Veterinary Pathobiology (R. G. Olsen and E. A. Hoover) and Department of Microbiology (P. C. Kimball), 1 October 1980 through 30 September 1981. (Project 761417 - Continuation)

**\$135,000.00** - National Science Foundation, Washington, D. C., Acquisition of a Scanning Auger Microprobe, Department of Metallurgical Engineering (P. G. Shewmon and D. D. Macdonald), 15 December 1980 through 31 December 1981. (Project 762507 - New)

**\$132,000.00** - Agency for International Development, Washington, D. C., Vocational Training Assistance in Jordan, National Center for Research in Vocational Education (R. E. Taylor), 14 November 1980 through 13 December 1981. (Project 762473 - New)

**\$130,000.00** - Department of the Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Jam Resistant Communications Systems Techniques, Department of Electrical Engineering, ElectroScience Laboratory (A. A. Ksienski and W. D. Burnside), 4 December 1980 through 30 September 1981. (Project 761461 - Continuation)

**\$108,491.00** - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Antivascular Endothelial Antibody in Transplantation, Department of Surgery (J. Cerilli), 1 December 1980 through 30 November 1981. (Project 763857 - Continuation)

**\$107,274.00** - Department of the Navy, Office of Naval Research, Arlington, Virginia, Increasing Productivity Through Social Structure, Department of Psychology (B. Latane), 1 October 1980 through 30 September 1981. (Project 762439 - New)



February 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$93,501.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Person Perception Processes in Small Groups, Department of Psychology (T. M. Ostrom), 30 December 1980 through 29 December 1981. (Project 762498 - New)

\$93,405.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Comparative Studies in Perinatal Toxicology, Department of Veterinary Physiology and Pharmacology (R. A. Yearly), 1 December 1980 through 30 November 1981. (Project 762962 - Continuation)

\$83,656.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Pathogenesis of Experimental Atherosclerosis, Department of Physiological Chemistry (D. G. Cornwell), 1 December 1980 through 30 November 1981. (Project 762525 - Continuation)

\$83,600.00 - National Science Foundation, Washington, D. C., Wear and Friction of Metallic Materials, Department of Metallurgical Engineering (D. A. Rigney and G. Meyrick), 15 November 1980 through 30 November 1981. (Project 761244 - Continuation)

\$79,970.00 - Department of the Army, Army Armament Research and Development Command, Aberdeen Proving Ground (Edgewood Area), Maryland, Histological Preparation and Evaluation of Noise-Exposed Ears, Department of Otolaryngology (D. J. Lim), 1 December 1980 through 30 November 1981. (Project 762495 - New)

\$79,090.00 - National Science Foundation, Washington, D. C., Geochronology of Tertiary Marine Sequence of Southern South America, Institute of Polar Studies (D. H. Elliot and W. J. Zinsmeister), 15 October 1980 through 31 October 1982. (Project 762524 - New)

\$70,040.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Vasoactive Intestinal Peptide, Human Leukocytes, and Leukemia, Department of Medicine (M. S. O'Dorisio and T. O'Dorisio), 1 December 1980 through 30 November 1981. (Project 762499 - New)

\$70,000.00 - Appalachian Regional Commission, Washington, D. C., Feeder Livestock Marketing Program in Ohio, Cooperative Extension Service - Field Operations (T. L. Jones), 1 October 1980 through 30 September 1981. (Project 762460 - Continuation)

February 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

**\$70,000.00** - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Kinetic-Elastic Approach for Time-Dependent Rheological Data, Department of Chemical Engineering (R. S. Brodkey), 1 October 1980 through 30 September 1981. (Project 762084 - New)

**\$69,500.00** - National Science Foundation, Washington, D. C., Ductile Fracture and Hydrogen Embrittlement, Department of Metallurgical Engineering (J. P. Hirth), 1 March 1981 through 28 February 1982. (Project 761528 - Continuation)

**\$61,695.00** - National Science Foundation, Washington, D. C., Single-Atom Peri-Bridged Arenes and Hetarenes: Carbonic Processes, Department of Chemistry (H. Shechter), 15 November 1980 through 30 November 1981. (Project 762529 - Continuation)

**\$61,253.00** - National Science Foundation, Washington, D. C., Geometry of Banach Spaces, Department of Mathematics (W. B. Johnson), 1 July 1981 through 30 June 1982. (Project 761663 - Continuation)

**\$58,232.00** - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Energetics of CA<sup>2+</sup> Cycling During Muscle Contraction, Department of Physiology (J. A. Rall), 1 January 1981 through 31 December 1981. (Project 760993 - Continuation)

**\$50,791.00** - Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, Studies on the Syntheses of Boron Hydride Systems, Department of Chemistry (S. Shore), 16 October 1980 through 30 June 1981. (Project 761119 - Continuation)

**\$50,662.00** - Department of Labor, Employment and Training Administration, Washington, D. C., Evaluating a Demonstration of a Career and Labor Market Information Development and Training Model, National Center for Research in Vocational Education (R. E. Taylor), 1 December 1980 through 30 November 1981. (Project 762508 - New)

**\$50,020.00** - National Science Foundation, Washington, D. C., Analytical and Physico-Chemical Studies by Gas-Liquid Chromatography, Department of Chemistry (R. J. Laub), 1 March 1981 through 28 February 1982. (Project 761541 - Continuation)

**\$49,982.00** - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Analysis of Airborne Antenna Patterns, Department of Electrical Engineering, ElectroScience Laboratory (W. D. Burnside), 16 January 1981 through 15 January 1982. (Project 761012 - Continuation)

February 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$45,059.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Control of Synaptogenesis in Cultures of the Central Nervous System, Department of Anatomy (R. W. Burry), 1 December 1980 through 30 November 1981. (Project 761963 - Continuation)

\$42,758.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Bellanca Skyrocket Natural Laminar Flow Flight Research, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek) and Department of Aviation (G. S. Weislogel), 17 December 1980 through 17 April 1981. (Project 762359 - Continuation)

\$40,740.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Nitroglycerin Tolerance, College of Pharmacy (T. D. Sokoloski and A. M. Burkman), 1 December 1980 through 30 November 1981. (Project 761464 - Continuation)

\$40,000.00 - Department of the Navy, Naval Regional Contracting Office, Long Beach, California, Formulate Quasi-Optical Techniques for Antennas at UHF, Department of Electrical Engineering, ElectroScience Laboratory (C. H. Walter, R. J. Marhefka, and R. C. Rudduck), 31 October 1980 through 28 February 1981. (Project 761784 - Continuation)

\$39,553.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institutes of Dental Research, Bethesda, Maryland, Studies on the Dextran Sucrase of Streptococcus Sanguis, Department of Chemistry (R. M. Mayer), 1 January 1981 through 31 December 1981. (Project 760160 - Continuation)

\$38,700.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Associated Health Professions, Hyattsville, Maryland, Physical Therapy-Teacher Preparation (M.S.), School of Allied Medical Professions (D. C. Broski), 1 January 1981 through 30 June 1981. (Project 761472 - Continuation)

\$38,460.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Biochemistry of Inhibitors of Estrogen Biosynthesis, College of Pharmacy (R. W. Brueggemeier), 1 January 1981 through 31 December 1981. (Project 762520 - New)

February 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$37,529.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute on Aging, Bethesda, Maryland, Enzyme Aging and Gene Expression in Anucleate Cells, Department of Microbiology (J. N. Reeve), 1 December 1980 through 30 November 1981. (Project 762514 - New)

\$36,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Research on the Kinetics of Phase Changes on Solids, Department of Metallurgical Engineering (J. P. Hirth), 15 December 1980 through 14 December 1981. (Project 760222 - Continuation)

\$33,025.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Evaluation/Characterization of Seal Materials in Machining and Rubbing, Department of Industrial and Systems Engineering (J. T. Black), 31 December 1980 through 31 December 1981. (Project 760931 - Continuation)

\$30,116.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, *In Vitro* Oxidation of Psychoactive Drugs, Department of Chemistry (R. L. McCreery), 1 December 1980 through 30 November 1981. (Project 760533 - Continuation)

\$29,932.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, A Study of the Buckling, Postbuckling Behavior Vibrations of Laminated Composite Panels, Department of Engineering Mechanics (A. W. Leissa), 20 November 1980 through 30 September 1981. (Project 762513 - New)

\$28,100.00 - National Science Foundation, Washington, D. C., Comparative Cytology of Selected Chlorophyta, Department of Botany (G. L. Floyd), 1 January 1981 through 31 December 1981. (Project 761939 - Continuation)

\$26,580.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Associated Health Professions, Hyattsville, Maryland, Medical Dietetics - Administration (M.S.), School of Allied Medical Professions (D. C. Broski), 1 January 1981 through 30 June 1981. (Project 761473 - Continuation)

\$26,464.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Professions, Hyattsville, Maryland, Ohio Expanded MEDIHC Effort, College of Medicine - Administration (M. V. Brown), 1 March 1981 through 30 June 1981. (Project 761854 - Continuation)

February 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$25,992.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Hemoglobin Iron Metabolism by Human Macrophages, Department of Medicine (J. J. Rinehart), 1 December 1980 through 30 November 1981. (Project 761483 - Continuation)

\$15,070.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Therapy of Patients with Brain Tumors, Department of Surgery (W. E. Hunt), 1 January 1980 through 30 June 1981. (Project 760334 - Continuation)

\$13,118.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Extended Investigation into Pilot and System Response to Critical In-Flight Events, Department of Industrial and Systems Engineering (T. H. Rockwell and W. C. Giffin), 1 November 1980 through 31 January 1981. (Project 762501 - New)

\$9,860.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Data Reduction and Analysis, Department of Mechanical Engineering (D. A. Guenther), 1 November 1980 through 30 April 1981. (Project 762484 - New)

\$8,386.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Vestibular Control of Posture, Department of Otolaryngology (C. W. Stockwell), 1 December 1980 through 31 March 1981. (Project 760820 - Continuation)

\$7,500.00 - Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, International Symposium on Molecular Spectroscopy, Department of Physics (K. N. Rao), 1 December 1980 through 30 November 1981. (Project 761955 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS	\$3,259,809.00
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**State of Ohio Research Contracts/Grants**

\$305,014.00 - State of Ohio, Department of Agriculture, Columbus, Ohio, Hog Accelerated Marketing System - A Pilot Project for Computerized Electronic Marketing of Slaughter Hogs, Department of Agricultural Economics and Rural Sociology (D. H. Boyne and E. D. Baldwin), 1 November 1980 through 1 September 1981. (Project 761446 - Continuation)

February 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**State of Ohio Research Contracts/Grants (contd)**

\$215,000.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, The Occupational Employment Statistics Survey Program in Ohio for Non-Manufacturing (Excluding Trade), 1981, Academic Faculty of Labor and Human Resources (S. C. Kelley, M. H. Sandver, and H. R. Blaine), 1 January 1981 through 31 March 1982. (Project 762515 - New)

\$25,986.00 - State of Ohio, Department of Education, Columbus, Ohio, Consortium for the Development of Professional Materials for Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1980 through 31 August 1981. (Project 762384 - Continuation)

\$20,755.00 - State of Ohio, Department of Health, Columbus, Ohio, The Ohio State University Family Planning Division - Fertility, Department of Obstetrics and Gynecology (F. P. Zuspan), 1 October 1980 through 31 December 1980. (Project 763510 - Continuation)

\$14,500.00 - Ohio Arts Council, Columbus, Ohio, Public Film/Video Exhibition in Columbus, Department of Photography and Cinema (J. R. Green), 1 July 1980 through 30 June 1981. (Project 762516 - New)

\$10,000.00 - Ohio Arts Council, Columbus, Ohio, Bromfield's Malabar, Department of Photography and Cinema (J. R. Green), 30 June 1980 through 31 December 1980. (Project 762519 - New)

\$5,040.00 - State of Ohio, Department of Health, Columbus, Ohio, The Ohio State University Family Planning Division - Infertility, Department of Obstetrics and Gynecology (M. H. Kim), 1 October 1980 through 31 December 1980. (Project 763509 - Continuation)

**TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS                      \$ 596,295.00**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants**

\$110,252.00 - Westinghouse Electric, Electronics and Services, Ltd., County Clare, Ireland, Vocational Training Component Subcontract (World Bank/MOI Egypt), National Center for Research in Vocational Education (R. E. Taylor), 1 October 1980 through 31 October 1982. (Project 762480 - New)

\$59,997.00 - City of Columbus, Department of Finance, Management Services Division, Columbus, Ohio, Quality of Working Life Demonstration Effort, Academic Faculty of Labor and Human Resources (D. M. Ronchi), 6 November 1980 through 30 June 1981. (Project 760790 - Continuation)

February 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$52,662.00 - School District of Philadelphia, Philadelphia, Pennsylvania, Alliance for Career and Vocational Education (Membership), National Center for Research in Vocational Education (R. E. Taylor), 15 October 1980 through 15 June 1981. (Project 762526 - New)

\$43,860.00 - Defiance County Soil and Water Conservation District, Defiance, Ohio, Evaluation of Crop Production Effects and Soil and Nutrient Losses from Lake Plain Soils with Conservation Tillage Management, Department of Agronomy (T. J. Logan), 1 October 1980 through 31 July 1982. (Project 762509 - New)

\$30,500.00 - Roskam Aviation and Engineering Corporation, Ottawa, Kansas, General Aviation/Airfoil Design and an Analysis Service, Individual User's Orders, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and J. D. Lee), 1 December 1980 through 15 February 1981. (Project 762145 - Continuation)

\$30,000.00 - Alfred P. Sloan Foundation, New York, New York, Workshop on the Time Structure of Discourse, Department of Linguistics (A. M. Zwicky), 1 November 1980 through 31 October 1982. (Project 762504 - New)

\$19,998.00 - Mallinckrodt, Inc., St. Louis, Missouri, Evaluation of the Limulus Lysate Assay for the Presumptive Diagnosis of Gonococcal and Nongonococcal Disease in Females, Department of Medicine (R. B. Prior and V. A. Spagna), 1 September 1980 through 28 February 1982. (Project 762496 - New)

\$15,639.00 - Union Carbide Corporation, Linde Division, Tarrytown, New York, Feeding Synthetic Zeolites to Broiler Chickens, Department of Poultry Science (D. J. Latshaw), 1 November 1980 through 30 June 1981. (Project 762468 - New)

\$12,440.00 - United Cancer Council, Indianapolis, Indiana, Effect of Tumor-Promoters on the Key Glycolytic Enzymes in Mouse Skin, Department of Pharmacology (G. A. Tejwani), 1 January 1981 through 31 December 1981. (Project 762522 - New)

\$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Biochemical Basis for the Action of Hydralazine, Department of Pharmacology (R. H. Fertel), 1 November 1980 through 31 October 1981. (Project 762503 - New)

\$9,710.30 - American Chemical Society, Petroleum Research Fund, Washington, D. C., Dispersion Versus Absorption (DISPA): A New Spectral Line Shape Analysis for Inhomogenous Systems, Department of Chemistry (A. G. Marshall), 1 September 1980 through 31 August 1981. (Project 762370 - Continuation)

February 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$4,504.00 - The Apple Education Foundation, Cupertino, California, Apple Strategies Emulating Existing Design (Apple S.E.E.D. Project), College of Medicine - Administration (R. C. Comer and J. L. Burson), 1 January 1981 through 31 December 1981. (Project 762497 - New)

\$4,500.00 - Hamilton Standard, Division of United Technologies, Windsor Locks, Connecticut, Advanced Airfoils for Propeller Applications, Department of Aeronautical and Astronautical Engineering (K. Korkan), 15 November 1980 through 31 December 1980. (Project 762500 - Continuation)

\$3,788.00 - SME Manufacturing Engineering Education Foundation, Dearborn, Michigan, Improved Control Algorithms for Adaptive Control of a Milling Process, Department of Mechanical Engineering (K. Srinivasan), 1 January 1981 through 30 September 1981. (Project 762506 - New)

\$3,268.00 - Franklin County Mental Health Board, Columbus, Ohio, Community Worker Project, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 November 1980 through 31 December 1980. (Project 761912 - Continuation)

\$2,000.00 - Greater Columbus Arts Council, Columbus, Ohio, Promotion for Public Film, Photography and Video Exhibition in Columbus, Department of Photography and Cinema (J. R. Green), 1 July 1980 through 30 June 1981. (Project 762505 - New)

\$2,000.00 - Quinsigamond Community College, Worcester, Massachusetts, and Caldwell Community College and Technical Institute, Hudson, North Carolina, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1980 through 30 June 1981. (Project 761599 - Continuation)

\$1,250.00 - Hartzell Propeller, Inc., Piqua, Ohio, General Aviation Airfoil Design and Analysis Service - Two Dimensional Data on Airfoil Sections, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. D. Korkan), 1 December 1980 through 31 January 1981. (Project 762510 - New)

\$1,000.00 - Southern Illinois University, Carbondale, Illinois, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1980 through 30 June 1981. (Project 761599 - Continuation)

**TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-  
FEDERAL RESEARCH CONTRACTS/GRANTS**

**\$ 419,368.30**



February 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**ENGINEERING EXPERIMENT STATION**

**Industrial and Other Sponsored Research and Development**

\$11,772.00 - various sponsors for 30 projects operated by two research areas.

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

**Gifts of \$5,000 or More**

\$149,866.50 - Adria Labs, Columbus, Ohio-\$124,886.50 for Clinical Pharmacology Fund and \$25,000.00 for Cardiovascular Research Fund.

\$75,348.00 - Hoffman-LaRoche, Inc., Nutley, New Jersey, for Clinical Pharmacology Fund.

\$70,000.00 - The Kaplan-Halpert Foundation, Inc., Columbus, Ohio, for Jack M. George Fund.

\$69,950.00 - C. Glenn Barber Foundation Trust, Cleveland, Ohio, for C. Glenn Barber Fund.

\$57,502.00 - Eli Lilly and Company, Indianapolis, Indiana, for Clinical Pharmacology of Dobutamine.

\$35,000.00 - The Bremer Foundation, Youngstown, Ohio, for The Bremer Foundation Fund.

\$35,000.00 - Mrs. Florence R. Johnson, Columbus, Ohio, for Everett D. Reese Arthritis Research Fund.

\$30,000.00 - Freight Service, Inc., Newark, Ohio, for Howard E. and Catherine Bonner LeFevre Fund.

\$30,000.00 - Ross Laboratories, Columbus, Ohio, for Tumor Immunology Program.

\$30,000.00 - The Richard H. and Ann Shafer Foundation, Westerville, Ohio (given in the name of Mrs. Richard H. Shafer), for Student Athlete Grant-in-Aid Fund.

\$30,000.00 - The Edward C. and Hazel L. Stephenson Foundation, Grosse Point Woods, Michigan, for Edward C. and Hazel L. Stephenson Fund.

\$25,967.00 - The Charles F. High Foundation, Bucyrus, Ohio, for Charles F. High Foundation Scholarship Fund.

February 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$25,900.00 - Biomedics Research, Inc., Des Plaines, Illinois, for Extracorporeal Carbamylation for Treatment for Sickle Cell Disease.

\$25,000.00 - Norden Laboratories, Inc., Lincoln, Nebraska, for Olsen/Wright Vaccine Development.

\$25,000.00 - TRW, Redondo Beach, California--\$10,000.00 for Advanced Design Methods Laboratory--Mechanical Engineering; \$10,000.00 for Capital Campaign Industrial and Systems; and \$5,000.00 for ElectroScience Laboratory Director's Fund.

\$25,000.00 - Vesuvius Crucible Company Charitable Foundation, Pittsburgh, Pennsylvania--\$18,750.00 for Fracture Mechanics and Material Evaluation Program in the College of Engineering; and \$6,250.00 for Engineering Mechanics Chairman's Discretionary Fund.

\$21,934.94 - Louise Orr Scott Foundation, Columbus, Ohio--\$16,451.96 for William Craig Orr and Mary Black Orr Scholarship in Medicine and \$5,483.98 for William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

\$21,735.00 - Janssen Pharmaceutica, New Brunswick, New Jersey, for Gastrointestinal Cancer Research Fund.

\$20,844.56 - University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

\$20,561.19 - Retinal Consultants, Inc., Columbus, Ohio--\$18,013.00 for Retina Research Fund; \$2,027.19 for Ophthalmology Photography Fund; and \$521.00 for Ophthalmology Art Work Rotary.

\$19,934.41 - Moffitt Royalty Trust, San Antonio, Texas, for Melvin E. Moffitt Memorial Fund.

\$19,459.78 - Systems Associates, Inc., Columbus, Ohio, for Cardiology Support Fund.

\$19,433.00 - Warner-Lambert Company, Ann Arbor, Michigan, for Anesthesia Research and Education Enhancement Fund.

\$17,754.93 - Oncology Immunology Lab, Columbus, Ohio, for Cancer Research Fund.

\$17,000.00 - The E. F. Wildermuth Foundation, Columbus, Ohio, for Kathryn M. and E. F. Wildermuth Memorial Fund.

February 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$16,349.00 - General Motors Corporation, Warren, Michigan, for General Motors Corporation Scholarship Fund.

\$11,000.00 - Estate Under the Will of H. Ethel Neidigh, State College, Pennsylvania, for Maurice W. Neidigh Scholarship Fund.

\$11,000.00 - Katherine E. Parrett Trust, Washington C. H., Ohio, for Katherine E. Parrett Fund.

\$10,200.00 - Davis & Geck, Inc., Manati, Puerto Rico, for Menopausal Patient Follow-up Project.

\$10,000.00 - Eaton Charitable Fund, Cleveland, Ohio, for Advanced Design Methods Laboratory--Mechanical Engineering.

\$10,000.00 - Helen C. Morris Fund of the Columbus Foundation, Columbus, Ohio, for Society of Alumni and Friends of the School of Music Scholarship Fund.

\$10,000.00 - Porthouse Foundation Income Account, Kent, Ohio--\$5,000.00 for College of Engineering Special Fund and \$5,000.00 for Student Athlete Grant-in-Aid Fund.

\$10,000.00 - SISA Incorporated, Cambridge, Massachusetts, for Clinical Pharmacology Fund.

\$9,978.00 - The Grace High Washburn Trust, Bucyrus, Ohio, for Grace High Washburn Trust Scholarship Fund.

\$9,853.73 - Sidney L. Pressey Trust, Columbus, Ohio, for Sidney L. Pressey Honors Program Fund.

\$9,750.00 - Dr. Ruth H. Cahill, Columbus, Ohio--\$4,875.00 for Home Economics Programs Fund Endowment and \$4,875.00 for Animal Science Special Fund.

\$9,000.00 - Mr. R. W. Gardner, Westerville, Ohio--\$3,150.00 for Paul N. Lehoczky Memorial Fund; \$3,150.00 for J. F. Robeson Research Fund; and \$2,250.00 for Presidents Club Special Fund; and \$450.00 for Sphinx Plaza.

\$8,500.00 - Dorothy J. Knull, Columbus, Ohio, for Josef N. Knull Memorial Fund in Entomology.

\$7,500.00 - Amoco Foundation, Inc., Chicago, Illinois, for Amoco Foundation, Inc., Fellowship Fund for Chemical Engineering.

February 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$7,435.20 - Ives Laboratories, Inc., New York, New York, for Cardiovascular Research Fund.

\$7,000.00 - Chevron U.S.A., Inc., San Francisco, California, for Chevron Fellowship.

\$7,000.00 - Kibble Foundation, Gahanna, Ohio, for Kibble Foundation Scholarship Fund.

\$6,000.00 - Estate Under the Will of William A. Buente, Summit, New Jersey, for College of Medicine.

\$6,000.00 - Mrs. Beth L. Carson, Midland, Michigan, for Paul N. Lehoczky Memorial Fund.

\$6,000.00 - Gerlach Foundation, Inc., Columbus, Ohio (given in the names of John B. Gerlach and David P. Gerlach), for Presidents Club Special Fund.

\$6,000.00 - Kal Kan Foods, Inc., Columbus, Ohio, for Graduate School Minority Recruiting Program Fund.

\$5,707.31 - Trust Under the Will of Harry Brakeman, Middletown, Ohio, for Harry and Ethel Brakeman Memorial Scholarship Fund for Optometry Students.

\$5,550.00 - Mr. John Deaver Drinko, Cleveland, Ohio, for Newton D. Baker Scholarship Fund.

\$5,442.00 - Antique Show Receipts, Columbus, Ohio (given in the name of Josephine Failer), for Presidents Club Special Fund.

\$5,250.00 - Cleveland Institute of Electronics, Cleveland, Ohio, for Newton D. Baker Scholarship Fund.

\$5,000.00 - Mr. Gerald O. Allen, Cleveland, Ohio, for C. William O'Neill Professorship of Law Fund.

\$5,000.00 - Mrs. Irvin L. Allison, Columbus, Ohio, for Dr. Floyd M. Beman Fund.

\$5,000.00 - Ashland Oil, Inc., Ashland, Kentucky, for Minority Assistance Program in the College of Administrative Science.

\$5,000.00 - BRS, Beaverton, Oregon, for Varsity (Football) Managers Activity Fund.

\$5,000.00 - Bank One of Columbus, Columbus, Ohio, for C. William O'Neill Professorship of Law Fund.

February 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$5,000.00 - Campbell Soup Fund, Camden, New Jersey, for Endowed Chair in Food Industries.

\$5,000.00 - The Cleveland Electric Illuminating Company, Cleveland, Ohio, for Ohio Electric Utility Institute Fellowship Fund.

\$5,000.00 - Diamond Shamrock Corporation, Cleveland, Ohio, for Diamond Shamrock Fund in Chemical Engineering.

\$5,000.00 - Firestone Tire and Rubber Company, Akron, Ohio, for Fraenkel Research Fund.

\$5,000.00 - Mr. Ray J. Groves, Moreland Hills, Ohio--\$2,000.00 for Ernst and Whinney Accounting Grant; \$2,000.00 for College of Administrative Science Fund; and \$1,000.00 for Student Athlete Grant-in-Aid Fund.

\$5,000.00 - Ms. Helen Coast Hayes, Portland, Ohio, for Operation Eye Research.

\$5,000.00 - Mr. Clair E. Jones, Wauseon, Ohio, for Ohio 4-H Foundation Fund.

\$5,000.00 - Mansfield University Foundation, Inc., Mansfield, Ohio, for Mansfield Campus Scholarship Fund.

\$5,000.00 - Mr. Dwight H. Morehead, Toledo, Ohio, for College of Law Advancement Fund.

\$5,000.00 - Ohio State University, San Marino, California, for Milton Caniff Research Room.

\$5,000.00 - Pfizer, Inc., Lee's Summit, Missouri, for Pfizer Research Fellowship.

\$5,000.00 - Phillips Petroleum Foundation, Inc., Bartlesville, Oklahoma, for Mechanical Engineering Coal Combustion Laboratory Fund.

\$5,000.00 - Mrs. Carole Stupell, New York, New York, for Aging Nervous System and Pathogenesis of Alzheimer's Disease and Senile Dementia.

\$5,000.00 - Mr. Roy E. VonIns, Marion, Ohio, for Marion Campus Dean's Discretionary Fund.

**Gifts-in-Kind**

\$150,000.00 - Conard and Nancy Stitzlein, Glenmont, Ohio, 1/4 interest and 1/4 possession of a polled hereford bull, Vindicator.

February 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts-in-Kind (contd)**

\$97,500.00 - Mr. Everett D. Reese, Columbus, Ohio, 6,500 shares Canyon Savings and Loan Association stock for Presidents Club Special Fund.

\$81,250.00 - Mr. and Mrs. Jack Howell, Bremen, Ohio, nine standardbred horses.

\$36,937.50 - Mr. John J. Gerlach, Columbus, Ohio, 3,000 shares Lancaster Colony Corporation stock for Gerlach Fund.

\$30,456.00 - Mr. Abba G. Lichtenstein, Fair Lawn, New Jersey, 32 Labradorite stones and 78 Amethyst stones.

\$25,250.00 - Mr. and Mrs. John B. Gerlach, Columbus, Ohio, 2,000 shares Lancaster Colony Corporation stock for Gerlach Fund.

\$25,240.60 - Mr. James S. Nordholt, Tiffin, Ohio, 745 shares Webster Industries, Inc., stock for John B. Nordholt Professorship in Mechanical Engineering or Metallurgical Engineering.

\$25,056.25 - Owens-Illinois Corporation, Toledo, Ohio, 950 shares Owens-Corning Fiberglas Corporation stock.

\$24,000.00 - Mr. and Mrs. Howard LeFevre, Newark, Ohio, 3,000 shares Capitol Corporation stock for the Howard E. and Catharine Bonner LeFevre Fund.

\$15,000.00 - Mr. Landon Knight, Akron, Ohio, thoroughbred stallion, Brooks Brother.

\$11,400.00 - Mr. Daniel G. Amstutz, New York, New York, 12,000 shares Penn Central CBI's for Presidents Club Special Fund.

\$11,125.00 - William H. Havener, M.D., Columbus, Ohio, 500 shares Patrick Petroleum stock for Ophthalmology Teaching Fund.

\$11,125.00 - Mr. John Reiner, Dublin, Ohio, nine original works of art.

\$7,267.50 - Mr. John Holscher, Worthington, Ohio--\$3,483.75 part shares International Shipholding stock for Friends of WOSU Endowment Fund; \$3,483.75 part shares International Shipholding stock for Marketing Faculty Support Fund; \$200.00 part shares International Shipholding stock for Faculty Club Building Fund; and \$100.00 part shares International Shipholding stock for Friends of WOSU.

\$5,437.50 - Mr. Richard T. Baker, Shaker Heights, Ohio, 125 shares General Dynamics stock for Joseph B. Collinson Scholarship Fund.

February 6, 1981 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds**

##### **William H. Davis Scholarship Fund for Basic Medical Research**

The William H. Davis Scholarship Fund for Basic Medical Research was established February 6, 1981, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from William H. Davis, B.S.Bus.Adm. '26, of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to support basic research in medicine to provide one or more scholarships to young scientists who have shown an interest in academic medicine as a career. All recipients should have an M.D. degree and should have had at least three years of training in research or in a graduate discipline. Income from the fund will pay for expenses other than for the salaries of the researchers, provided that, if more than four researchers are employed at any one time and if income from the fund is then sufficient, it may be used for salaries of researchers in excess of four individuals. During the first two years of the fund's operation, the income should be equally divided between the Department of Surgery and the Department of Medicine. Thereafter, the division of funds will be determined by the Advisory Board.

There shall be an annual deadline for the submission of applications to become "Davis Scholars." Prospective scholars may be nominated by any faculty member in the Departments of Medicine or Surgery. The selection of research projects and the appointment of "Davis Scholars" will be made upon the recommendation of the Dean of the College of Medicine and the Vice President for Health Sciences, in cooperation with an Advisory Board named by the Vice President for Health Sciences and whose members will include three (3) from within the University and two (2) non-physician representatives from outside the University, for a total of five. The members from the community-at-large should be individuals of considerable accomplishment in their respective fields, whether that be business, law, journalism or any other profession. Dorothy M. Davis and William C. Davis shall be members of the Advisory Board during their lifetimes or as long as they wish to serve, and in the event the service of either should terminate, the replacement shall be an individual who is qualified as stated above and who is nominated for this purpose by William H. Davis by letter or by will. All expenditures shall be approved by the Dean of the College of Medicine and the Chairman of the department from which the scholar is selected and/or from which the research project originated.

Any income resulting from the research provided by the fund will be added to and maintained as part of the principal of the fund in accordance with University policies on copyrights and patents. "Davis Scholars" may accept temporary assignments at other institutions

February 6, 1981 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **William H. Davis Scholarship Fund for Basic Medical Research (contd)**

to further their research, in accordance with the personnel policies of the University, but should return to Ohio State for a minimum of two years to teach and/or continue their research efforts.

If at a later date a gift is received from Dorothy M. Davis, the name of the fund shall be changed to the WILLIAM H. AND DOROTHY M. DAVIS SCHOLARSHIP FUND FOR BASIC MEDICAL RESEARCH. An annual report of income and expenditures shall be prepared for the Advisory Board and William H. Davis, Dorothy M. Davis and William C. Davis.

Should the need for these scholarships and/or research projects cease to exist or so diminish as to provide unused income, then the income may be used for any purposes recommended by the appropriate administrative official of the University who is then directly responsible for basic medical research.

##### **The James Hay and Ruth Jansson Wilson Professorship in Cardiology Fund**

The James Hay and Ruth Jansson Wilson Professorship in Cardiology Fund was established February 6, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Ruth Jansson Wilson in memory of her husband, James Hay Wilson, B.S.Bus.Adm. '28.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide salary and program support for the work of a distinguished cardiologist. This will include research, education and prevention. Income will be added to principal until sufficient funds are available, i.e., \$250,000 to fully endow the professorship. Appointment to the Wilson Professorship will be recommended by the Dean of the College of Medicine and approved by the Vice President for Health Sciences and the Board of Trustees.

Should the need for this faculty position cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for cardiovascular medicine.



February 6, 1981 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### The Frank J. Tate Scholarship in Journalism

The Frank J. Tate Scholarship in Journalism was established February 6, 1981, by the Board of Trustees of The Ohio State University with gifts from the Board of Directors of The Ohio State University Alumni Association and friends of Frank J. Tate, long-time editor of the *OSU Monthly*.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide undergraduate scholarships in the School of Journalism. Preference will be given to those students in the upper division who are majoring in magazine management or news magazine reporting. Selection of the recipient will be made by the University Committee on Student Financial Aids, based upon the recommendations made by the Scholarship Committee of the School of Journalism.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University, who is then directly responsible for the School of Journalism.

##### The Gerald B. Rice Memorial Fund

The Gerald B. Rice Memorial Fund was established February 6, 1981, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mrs. Mildred Rice Fisher and Miss Cora Mae Joachim, Pomeroy, Ohio. The fund honors the memory of Gerald B. Rice (1931-80), a graduate of The Ohio State University (B.A. '52, M.A. '55) and Assistant Professor of English at The Ohio State University at Mansfield (1965-80). Professor Rice was the son of Mrs. Fisher and a nephew of Miss Joachim.

The original gifts and all subsequent gifts to this fund are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to reinvest as occasion dictates.

The annual income is to be used in support of programs in theatre and/or English at The Ohio State University in Mansfield. A portion of the income will be awarded annually, as the "Gerald B. Rice Theatre Prize," to the student(s) who contributed most to the success of theatrical productions on the Mansfield Campus. Recipient(s) of the prize will be selected annually by the Dean and Director upon recommendations of a committee appointed by the Dean and Director. The remainder of the income will be used to benefit the theatre and/or

February 6, 1981 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **The Gerald B. Rice Memorial Fund (contd)**

English programs on the advice of the same committee. All expenditures must be approved by the Dean and Director in consultation with the Vice President for Regional Campuses.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the Vice President for Regional Campuses in consultation with the administrators of the Mansfield Campus.

##### **The D. Lois Gilmore Memorial Award**

The D. Lois Gilmore Memorial Award was established February 6, 1981, by the Board of Trustees of The Ohio State University with gifts from relatives, friends, alumni and associates in the Department of Textiles and Clothing in the School of Home Economics.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income will be used to fund an award to be used in support of graduate research in the Department of Textiles and Clothing. The award will be made by the Director of the School of Home Economics based on the recommendations of the Fellowship Committee of School of Home Economics.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University, who is then directly responsible for the School of Home Economics.

##### **The Robert E. Schaefer Scholarship Fund**

The Robert E. Schaefer Scholarship Fund was established February 6, 1981, by the Board of Trustees of The Ohio State University by a gift from Robert E. Schaefer, B.S. '35, former publisher of the Chillicothe, Ohio, Gazette newspaper.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

February 6, 1981 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **The Robert E. Schaefer Scholarship Fund (contd)**

Eighty per cent (80%) of the annual income is to be used to provide a scholarship to a student enrolled in the School of Journalism. The remaining twenty per cent (20%) of the annual income shall be applied to the principal each year. The School of Journalism Scholarship Committee will select a candidate of above average academic achievement who has indicated a preference for the print media (or the newspaper profession). If all other qualifications are similar, applicants from Ross County, Ohio, should be given preference. The Scholarship Committee choice will be approved by the Director of the School of Journalism as will requisitions for funds be approved by the Director.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University, who is then directly responsible for journalism scholarships.

##### **Shirley A. Brooks Scholarship in Agriculture**

The Shirley A. Brooks Scholarship in Agriculture was established February 6, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Shirley A. Brooks.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from the principal is to be used to provide scholarships for incoming freshmen enrolled in the undergraduate degree program of agriculture. First preference shall be given to students who are residents of Vinton County, Ohio, and, in turn, other southeastern Ohio residents. The students need not be honors students but should instead be those students whose grade point average in high school shows evidence of potential for success in college and who come from homes of modest means. Recipients may apply for and receive a first renewal of the scholarship. The selection of the recipients shall be made by the University Committee on Student Financial Aids based on recommendations of a committee comprised of the Dean of the College of Agriculture and Home Economics, the Assistant Dean for Student Affairs in the College of Agriculture and Home Economics, and Shirley A. Brooks during her lifetime. Following her death, the third individual on the committee shall be a faculty member in agriculture who is familiar with the needs of students from southeastern Ohio.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for curricula in agriculture.

February 6, 1981 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **The Judge William M. Drennen Award Fund**

The Judge William M. Drennen Award Fund was established February 6, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University College of Law. The gifts were made by the former law clerks to Judge Drennen, J.D. '38, and others, to honor his many years of service as a judge on the United States Tax Court.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The income from this fund is to be used to award prizes each year to the senior student receiving the highest grade point average in courses in federal taxation. In selecting the student the following courses (or their approximate equivalent, in the judgment of the Dean of the College of Law) shall be included in the calculation: Law 512, 606, 715 and 745. A student to qualify must have earned at least ten credit hours in the selected courses. (Courses taken in the Spring Quarter just prior to his or her graduation will not be included in the calculation.) If possible, the prize shall be awarded at the College of Law June Hooding Ceremony. The purpose of the prize is to honor Judge Drennen. The prize shall be called the Judge William M. Drennen Prize and each recipient shall be informed of the purpose of the prize.

Should the need for The Judge William M. Drennen Award Fund cease to exist or so diminish as to provide unused income, the income may be used for any purpose whatsoever as determined by the Board of Trustees with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for legal education.

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## **PLANS AND SPECIFICATIONS**

Resolution No. 81-78

*Synopsis: Plans and specifications are being proposed for the following project.*

WHEREAS at the request of the Vice President for Business and Administration, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following project:

February 6, 1981 meeting, Board of Trustees

## PLANS AND SPECIFICATIONS (contd)

### CHEMICAL INSTRUMENTATION CENTER

Project: This remodeling project provides space for a Chemical Instrumentation Center on the first floor of Johnston Laboratory to house various laboratories and support offices.

Funding: Budget Account 885090 (Local Funds)

Estimated Project Cost: \$212,408.00

### NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the project listed above be approved and that the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for this project and, in accordance with established University procedures, to request bids *at such time as the University budget situation is clarified*, and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Hilliker, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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President Enarson:

Under Miscellaneous, there are three drafts which were, I think, acted on in a single action by the Committee this morning, and it's with great pleasure that I ask the Chairman of that Committee to explain it because I would prefer not to.

Mr. Hilliker: We're going to turn that one over to Mr. Jackson.

Mr. Jackson:

There are three resolutions before you today. The first resolution has to do with--let me give you a broad-base view. All three of the resolutions have to do with the same situation. As you know, we have on a couple of previous occasions, rolled over some anticipation notes in the amount of \$9.5 million for the construction of various projects around the campus. It doesn't seem possible, but the six months are about up from the last time we did it. There was, when this information was put together, some concern as to whether or not we should sell long-term bonds at this time, or sell anticipation notes again. So we have before you the documents necessary which were prepared by Squire, Sanders for the sale of the long-term bonds for this \$9.5 million. If, as a result of the marketplace we are not able to place those at an acceptable rate, then we would go back out under one of the other resolutions here and sell anticipation notes again. The third one has to

February 6, 1981 meeting, Board of Trustees

Mr. Jackson: (contd)

do with preventing me from doing both, and I think that that certainly is most appropriate. So the first one is the anticipation notes; the second resolution is the long-term bonding which we have every confidence we're going to be able to do at this time, and the third one, then, is the authorization for us to do one or the other.

President Enarson:

Mr. Chairman, I had raised a question with the Board. I was wondering, in view of the nature of these three whether they should not be acted on one by one. I don't think they can really be homogenized.

**ISSUANCE AND SALE OF THE OHIO STATE UNIVERSITY GENERAL  
RECEIPTS BOND ANTICIPATION NOTES, SERIES 1981**

Resolution No. 81-79

*Synopsis: Issuance and sale of The Ohio State University General Receipts Bond Anticipation Notes, Series 1981 is recommended.*

WHEREAS the Board of Trustees of The Ohio State University (the "Board"), is vested with the government of The Ohio State University (the "University" and, when the context admits, collectively with the Board called the "University") by Chapter 3335, Ohio Revised Code; and

WHEREAS the University has previously determined, and does hereby confirm, that it has been necessary to construct and equip certain vehicular parking facilities on the campus of the University, comprised of two multi-level parking structures and appurtenances known as the 9th Avenue Parking Ramp and the 11th Avenue Parking Ramp, with an aggregate capacity for the parking of approximately 1,740 motor vehicles, and that it is necessary to install smoke detector equipment in 11,113 living units of University and University Housing Commission dormitories and other University living quarters and in the common areas of 25 University and University Housing Commission dormitory buildings, such vehicular parking facilities and smoke detector equipment being herein called the "Project"; and

WHEREAS the costs of the Project constituting "costs of auxiliary facilities" as defined in Section 3345.12 (A) (8), Ohio Revised Code (the "costs of the Project") are at least \$9,500,000; and

WHEREAS the University previously determined, and does hereby confirm, to borrow funds for the permanent financing of the costs of the Project, and for such purpose to issue its General Receipts Bonds (the "Bonds") at such time and in such principal amount as may be necessary for such purpose, pursuant to authorizing provisions of law including Sections 3345.11 and 3345.12, Ohio Revised Code; and

February 6, 1981 meeting, Board of Trustees

**ISSUANCE AND SALE OF THE OHIO STATE UNIVERSITY GENERAL  
RECEIPTS BOND ANTICIPATION NOTES, SERIES 1981 (contd)**

WHEREAS the University heretofore determined that it was necessary to issue, prior to and in anticipation of permanent financing of the costs of the Project, \$9,500,000 of General Receipts Bond Anticipation Notes, Series 1979 (the "Series 1979 Notes") as provided in Resolution No. 80-58 adopted by this Board on November 30, 1979; and

WHEREAS the University heretofore determined that, for the purpose of refunding the Series 1979 Notes, it was necessary to issue \$9,500,000 of General Receipts Bond Anticipation Notes, Series 1980 (the "Outstanding Notes") as provided in Resolution No. 81-32 adopted by this Board on September 5, 1980, and has determined that it is necessary to issue notes as provided in this resolution to refund the Outstanding Notes, which mature April 1, 1981;

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of The Ohio State University, that:

Section 1. It is determined to be necessary to borrow, pursuant to Sections 3345.11 and 3345.12, Ohio Revised Code, and for the purpose of refunding the Outstanding Notes issued for the purpose of paying the costs of the Project, the amount of \$9,500,000 and to issue General Receipts Bond Anticipation Notes, Series 1981 (the "Notes") to evidence such borrowing.

Section 2. The Notes shall be in the aggregate principal amount of \$9,500,000; shall be dated the date of issuance; shall bear interest from their date at a rate or rates not exceeding ten per centum (10%) per annum, to be fixed by the Fiscal Officer in his certificate awarding the Notes pursuant to Section 6 hereof, such interest to be payable at maturity; and shall mature six months from date; shall be issued in such denominations as requested by the Original Purchaser and approved by the Fiscal Officer, provided that the denominations shall be in the minimum amount of \$25,000 each and if greater in multiples of \$5,000 and that the entire principal amount may be represented by a single note; shall be numbered as determined by the Fiscal Officer; shall not have coupons attached; shall be signed in their official capacities by the Chairman of the Board or the President of the University and by the Fiscal Officer, provided that one of such signatures may be a facsimile signature; and shall express upon their faces the purpose for which they are issued and that they are issued pursuant to this resolution.

Section 3. The Notes may be issued in registered form or in unregistered form as requested by the Original Purchaser, shall reflect the appropriate terms of the offer and sale thereof consistent with this resolution and with the Invitation for Proposals for the Notes (the "Invitation for Proposals"), which is on file in the Office of the Secretary of the Board, and may contain such other provisions, consistent with this resolution and with the Invitation for Proposals, as the President of the University or the Fiscal Officer may approve.

Section 4. If the holder (in this section called the "owner") of a note issued pursuant to this resolution claims that such note has been lost, destroyed, or wrongfully taken, the Fiscal Officer is authorized to cause to be executed and delivered a new note (in this section

**ISSUANCE AND SALE OF THE OHIO STATE UNIVERSITY GENERAL  
RECEIPTS BOND ANTICIPATION NOTES, SERIES 1981 (contd)**

called the "replacement note") of like date and tenor (specifying on its face, however, that it is issued in place of the original note) in place of the original note, in accordance with and subject to the provisions of Section 1308.35, Ohio Revised Code, and of this section. The owner's notification and request pursuant to said Section 1308.35 shall be in writing, addressed to the Fiscal Officer and shall include evidence satisfactory to the Fiscal Officer of such loss, destruction, or wrongful taking and of his ownership. The Fiscal Officer is authorized to approve, so long as satisfactory to such officer, the indemnity bond that the owner shall file with the University as a condition to the issuance of a replacement note, and is further authorized to impose other reasonable requirements, including a requirement that the owner pay the reasonable expenses and charges of the University in connection with the issuance, execution and delivery of such replacement note, as conditions to the delivery of a replacement note.

Section 5. The principal of and interest on the Notes shall be payable at the main office of The Huntington National Bank, Columbus, Ohio, or at such other bank designated by the Fiscal Officer in his certificate awarding the Notes pursuant to Section 6 hereof, such payment to be made in Federal Reserve Funds of the United States of America if the Original Purchaser shall so elect.

Section 6. The Notes shall be sold by the Fiscal Officer at a rate of interest not exceeding the limitation set forth in Section 2 hereof, at par and any premium, and in accordance with the provisions of the Invitation for Proposals. The Fiscal Officer is hereby authorized and directed to deliver the Notes, when executed, to the Original Purchaser upon payment of the purchase price together with any accrued interest.

Section 7. As provided in this resolution, the principal of and interest on the Notes, together with the principal of and interest on any other notes that may hereafter be issued by the University on a parity therewith, shall be equally and ratably payable from, and secured by a pledge of and a lien on, the "General Receipts" of the University as defined in Section 1 of the General Bond Resolution adopted by this Board on May 7, 1971 (the "General Bond Resolution"), but subject to the existing pledge thereof to bonds issued or to be issued pursuant to the General Bond Resolution. The principal of and interest on the Notes shall also be equally and ratably payable from, and secured by a pledge of and lien on, the proceeds of the sale of bonds or notes issued pursuant to Sections 3345.11 and 3345.12, Ohio Revised Code, or other authorizing provisions of law to refund or retire the Notes in whole or in part. Neither the State of Ohio nor the University or its Board shall be obligated to pay the principal of or interest on the Notes from any other funds or source, and the Notes shall not be a claim upon or lien against any property of the State of Ohio, or any other property of or under the control of the University. The Notes, as to both principal and interest, are not debts or bonded indebtedness of the State of Ohio, are not general obligations of the State or the University, and the full faith and credit thereof are not pledged thereto. The holders of the Notes shall have no right to have any excises or taxes levied by the General Assembly of the State of Ohio for the payment of principal or interest.



**ISSUANCE AND SALE OF THE OHIO STATE UNIVERSITY GENERAL  
RECEIPTS BOND ANTICIPATION NOTES, SERIES 1981 (contd)**

In consideration of the loan evidenced by the Notes, the University covenants and agrees that it will do all things necessary to effect the issuance and delivery, prior to the maturity of the Notes, of bonds or notes for the refunding or retiring of the Notes, pursuant to Sections 3345.11 and 3345.12, Ohio Revised Code, or other authorizing provisions of law, in such principal amount as may be necessary to pay the principal of and interest on the Notes, that it will do all things necessary to sell such bonds or notes at the time provided above and will accept such price and such interest rate as shall be necessary in order to effect such sale, and that it shall apply the proceeds thereof to the extent necessary to make full payment of said principal of and interest on the Notes, and these obligations are established as duties specifically enjoined by law upon the University and its officers, and result from their respective offices, trust or stations within the meaning of Section 2731.01, Ohio Revised Code.

In connection with the aforesaid covenant, it is the present intention of the University that any bonds eventually issued to retire the Notes or notes issued to refund the Notes will be issued as General Receipts Bonds pursuant to the General Bond Resolution, and that such bonds shall have not to exceed 20 annual principal maturities and that the principal thereon shall be paid in semi-annual installments.

Section 8. The proceeds of the Notes shall be applied promptly by the Fiscal Officer to the timely payment and discharge of the like aggregate principal amount of the Outstanding Notes. The Fiscal Officer is hereby directed to apply to the payment of the interest due on the Outstanding Notes upon the date of their payment, such amounts as may be required therefor from funds of the University lawfully available therefor.

Section 9. The University hereby covenants that it will restrict the use of the proceeds of the Notes in such manner and to such extent, if any, as may be necessary, after taking into account reasonable expectations at the time of the delivery of and payment for such Notes, so that the Notes will not constitute arbitrage bonds under Section 103 (c) of the Internal Revenue Code and the applicable income tax regulations under that Section. The Fiscal Officer, or any other officer having responsibility for issuing the Notes, is authorized and directed, alone or in conjunction with any of the foregoing or with any other officer or employee of or consultant to the University, to give an appropriate certificate of the University, for inclusion in the transcript of proceedings, setting forth the reasonable expectations of the University on the date of delivery of and payment for the Notes regarding the amount and use of the proceeds of the Notes and the facts, estimates and circumstances on which they are based pursuant to said Section 103 (c) and the applicable income tax regulations thereunder.

Section 10. As used in this resolution, "Fiscal Officer" shall mean the Vice President for Business and Administration of the University, or, in his absence, the Treasurer of the University; "Original Purchaser" shall mean each financial institution or underwriter which initially purchases the Notes, as identified in the certificate of the Fiscal Officer awarding the Notes pursuant to Section 6 hereof; and references to any specified section of the Ohio Revised Code shall mean said section as it now exists and as it may from time to time be amended, supplemented or affected by later legislation, and shall include any provision

**ISSUANCE AND SALE OF THE OHIO STATE UNIVERSITY GENERAL  
RECEIPTS BOND ANTICIPATION NOTES, SERIES 1981 (contd)**

enacted in substitution therefor or as a supplement thereto. Any reference in this resolution to an officer of the University or the Board shall refer to the person holding such office or, in the event of absence or vacancy in such office, then to the person performing the duties of such office.

Section 11. It is found and determined that all formal actions of this Board concerning and relating to the adoption of this resolution were adopted in an open meeting of this Board, and that all deliberations of this Board and of any of its committees that resulted in such formal action were in meetings open to the public, in compliance with all legal requirements including Section 121.22, Ohio Revised Code.

Section 12. If in the judgment of the President of the University or the Fiscal Officer, a disclosure document in the form of an Official Statement or Informational Statement is appropriate or necessary in connection with the original issuance of the Notes, each of such officers in his official capacity is authorized to prepare or cause to be prepared on behalf of the University an Official Statement or Informational Statement and any necessary supplements to either, and on behalf of the University to use and distribute, or authorize the use and distribution of, such Official Statement or Informational Statement and any supplements to either in connection with the original issuance of the Notes. Such officers are each further authorized to execute, on behalf of the University and in their official capacities, such Official Statement or Informational Statement and any supplements to either approved by such officers, and are each authorized and directed to advise the Original Purchaser in writing regarding limitations on the use of the Official Statement or Informational Statement and any supplements to either for purposes of marketing or reoffering the Notes as the officer acting deems necessary or appropriate to protect the interests of the University. The President of the University and Fiscal Officer are each authorized to execute and deliver, on behalf of the University and in their official capacities, such certificates in connection with the accuracy of the Official Statement or Informational Statement and any supplements to either as may, in their judgment, be necessary or appropriate.

Upon motion of Mr. Hilliker, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**AUTHORIZATION, ISSUANCE AND SALE OF  
GENERAL RECEIPTS BONDS, SERIES 1981**

Resolution No. 81-80

*Synopsis: Authorization, issuance and sale of \$9,500,000 General Receipts Bonds, Series 1981, of The Ohio State University, pursuant to Trust Agreement dated as of June 1, 1971, is recommended.*

WHEREAS The Ohio State University (herein called the "University"), a state university of the State of Ohio created and existing under Chapter 3335 of the Ohio Revised Code, by

February 6, 1981 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF  
GENERAL RECEIPTS BONDS, SERIES 1981 (contd)**

resolution adopted by its Board of Trustees (herein called the "Board") May 7, 1971 (herein called the "General Bond Resolution") and by a Trust Agreement dated as of June 1, 1971 (herein called the "Trust Agreement"), comprised in part of the General Bond Resolution, has provided for the issuance from time to time of General Receipts Bonds of the University, with each such issue to be authorized by a Series Resolution adopted by the Board pursuant thereto; and

WHEREAS the General Bond Resolution was adopted and the Trust Agreement was authorized by the Board pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code, enacted by the General Assembly of Ohio under authority of the Constitution of Ohio, particularly Section 2(i) of Article VIII thereof, which authorize the University to issue its Bonds to pay costs of certain capital facilities, defined as "auxiliary facilities" in Section 3345.12 of the Ohio Revised Code and called "University Facilities" in the General Bond Resolution and in this Series 1981 Resolution, and to refund, fund or retire such Bonds or other obligations previously issued for such purpose; and

WHEREAS there is presently outstanding \$3,145,000 principal amount of General Receipts Bonds, Series 1971, heretofore issued and delivered pursuant to the Trust Agreement; and

WHEREAS the University has previously determined, and does hereby confirm, that it has been necessary to construct and equip certain vehicular parking facilities on the campus of the University, comprised of two multi-level parking structures and appurtenances known as the 9th Avenue Parking Ramp and the 11th Avenue Parking Ramp, with an aggregate capacity for the parking of approximately 1,740 motor vehicles, and that it is necessary to install smoke detector equipment in 11,113 living units of University and University Housing Commission dormitories and other University living quarters and in the common areas of 26 University and University Housing Commission dormitory buildings, such vehicular parking facilities and smoke detector equipment being University Facilities and herein called the "Project", the cost of which Project is estimated to be not less than \$9,500,000; and

WHEREAS the University previously determined, and does hereby confirm to borrow funds for the permanent financing of the costs of the Project, and for such purpose to issue its General Receipts Bonds at such time and in such principal amount as may be necessary for such purpose; and

WHEREAS the University heretofore determined that it was necessary to issue, prior to and in anticipation of permanent financing of the costs of the Project, \$9,500,000 of General Receipts Bond Anticipation Notes, Series 1979 (the "Series 1979 Notes") as provided in Resolution No. 80-58 adopted by the Board on November 30, 1979; and

WHEREAS the University heretofore determined that, for the purpose of refunding the Series 1979 Notes, it was necessary to issue \$9,500,000 of General Receipts Bond Anticipation Notes, Series 1980 (the "Outstanding Notes") as provided in Resolution No. 81-32 adopted by the Board on September 5, 1980, which Outstanding Notes mature April 1, 1981; and

February 6, 1981 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF  
GENERAL RECEIPTS BONDS, SERIES 1981 (contd)**

WHEREAS pursuant to the foregoing, the University has determined to issue, as the second issue of Bonds under the Trust Agreement, \$9,500,000 principal amount of General Receipts Bonds, to be designated General Receipts Bonds, Series 1981, to refund the Outstanding Notes, and desires to provide therefor by this Resolution of its Board;

NOW THEREFORE BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY, AS FOLLOWS:

Section 1. DEFINITIONS AND INTERPRETATIONS. All words and terms defined in Section 1 of the General Bond Resolution and all interpretations therein provided shall have the same meanings, respectively, and be subject to the same interpretations as therein provided where used in this Resolution, unless the context or use clearly indicates another or different meaning or intent, except that this Resolution, together with the Certificate of Award provided for in Section 5 hereof, is sometimes herein called and may be known as the "Series 1981 Resolution", the Bonds authorized by this Resolution are referred to herein and in the Second Supplemental Trust Agreement hereby authorized as the "Series 1981 Bonds", and the terms "hereof", "hereby", "hereto", "herein", and "hereunder", and similar terms, mean this Resolution. As used in this Resolution, "Project", "Series 1979 Notes", and "Outstanding Notes", shall have the meanings provided for such terms in the preambles hereto.

Section 2. AUTHORITY. This Resolution is adopted pursuant to the General Bond Resolution, the Trust Agreement, and the Act.

Section 3. AUTHORIZATION, DESIGNATION AND PURPOSE OF SERIES 1981 BONDS. It is hereby declared to be necessary to, and the University shall, issue, sell and deliver, as provided and authorized herein, \$9,500,000 principal amount of General Receipts Bonds of the University which shall be designated "General Receipts Bonds, Series 1981", for the purpose of refunding the Outstanding Notes, issued to refund the Series 1979 Notes, issued for the purpose of paying the costs of the University Facilities that comprise the Project. For such purpose, the proceeds from the sale of the Series 1981 Bonds shall be allocated, deposited and applied as provided in Section 6 hereof.

Section 4. TERMS AND PROVISIONS APPLICABLE TO THE SERIES 1981 BONDS.

(a) FORM AND NUMBERING. The Series 1981 Bonds shall be issued initially in the form of coupon Bonds registrable as to principal only or of fully registered Bonds as requested by the Original Purchaser thereof, shall be exchangeable for Series 1981 Bonds in coupon form or fully registered form as provided in the Trust Agreement, and shall be numbered as determined by the Fiscal Officer.

(b) DENOMINATION AND DATES. The Series 1981 Bonds in coupon form shall be in the denomination of \$5,000 each, and shall be dated as of February 1, 1981. The Series 1981 Bonds in fully registered form shall be in the denomination of \$5,000 and any integral multiple thereof authorized by the Trust Agreement, and shall be dated as of the date of

**AUTHORIZATION, ISSUANCE AND SALE OF  
GENERAL RECEIPTS BONDS, SERIES 1981 (contd)**

Series 1981 Bonds in coupon form if authenticated prior to the first interest payment date, and otherwise shall be dated as of the last interest payment date preceding the date of their authentication except that if authenticated on an interest payment date they shall be dated as of such date of authentication; provided that if at the time of authentication, interest thereon is in default, they shall be dated as of the date to which interest has been paid. Each Series 1981 Bond shall have only one principal maturity date, except for interim certificates or receipts which may be issued pending preparation of definitive Bonds.

(c) **INTEREST.** The Series 1981 Bonds shall bear interest from their respective dates payable semi-annually on June 1 and December 1, beginning December 1, 1981, at the respective rates per annum set forth in the Certificate of Award provided for in Section 5 hereof.

(d) **MATURITIES.** The Series 1981 Bonds shall mature on December 1 in the years and in the principal amount set opposite the year as follows:

Year	Principal	Year	Principal
1981	\$475,000	1991	\$475,000
1982	475,000	1992	475,000
1983	475,000	1993	475,000
1984	475,000	1994	475,000
1985	475,000	1995	475,000
1986	475,000	1996	475,000
1987	475,000	1997	475,000
1988	475,000	1998	475,000
1989	475,000	1999	475,000
1990	475,000	2000	475,000

(e) **REDEMPTION TERMS AND PRICES.** The Series 1981 Bonds maturing prior to December 1, 1991, are not subject to redemption. The Series 1981 Bonds maturing on and after December 1, 1991, are subject to redemption at the option of the University prior to their stated maturities, in whole or in part, on December 1, 1990, or on any interest payment date thereafter at redemption prices equal to the following percentages of the principal amount redeemed plus in each case accrued interest to the date fixed for redemption:

If Redeemed	Redemption Prices
December 1, 1990 or June 1, 1991	103%
December 1, 1991 or June 1, 1992	102%
December 1, 1992 or June 1, 1993	101%
December 1, 1993 and thereafter	100%

If less than all of the outstanding Series 1981 Bonds are called for redemption at one time, they shall be called in inverse order of the maturities of the Series 1981 Bonds outstanding, and if less than all of the outstanding Series 1981 Bonds of one maturity are to be called, the selection of such Series 1981 Bonds, or portions of fully registered Bonds, of such

**AUTHORIZATION, ISSUANCE AND SALE OF  
GENERAL RECEIPTS BONDS, SERIES 1981 (contd)**

maturity to be called shall be made by lot in the manner provided in the Trust Agreement. Notice of call for redemption of Series 1981 Bonds shall be given in the manner provided in the Trust Agreement.

(f) **PLACE OF PAYMENT AND PAYING AGENTS.** The Bond service charges, including principal, interest and any redemption premium, on the Series 1981 Bonds in coupon form, other than principal of or any redemption premium on coupon bonds registered as to principal other than to bearer, shall be payable at the principal corporate trust office of the Trustee, or, at the option of the holder at the principal corporate trust office of the Chemical Bank, New York, New York. The principal of and any redemption premium on fully registered Series 1981 Bonds and of Series 1981 coupon bonds registered as to principal (except to bearer) shall be payable at the principal corporate trust office of the Trustee and the interest on fully registered Series 1981 Bonds shall be payable by check or draft, as provided in the Trust Agreement.

(g) **EXECUTION.** The Series 1981 Bonds and the coupons pertaining thereto shall be executed in the manner provided in the General Bond Resolution.

**Section 5. SALE OF SERIES 1981 BONDS.**

(a) **GENERAL.** The Series 1981 Bonds shall be offered for sale, by advertisement, to the highest bidder based on the lowest interest cost determined as hereafter described, at such time, in such manner and on such terms as determined by the Fiscal Officer of the University, and may be awarded by the Fiscal Officer as provided in this Section.

(b) **NOTICE OF SALE AND OFFICIAL STATEMENT.** Notice of Sale of the Series 1981 Bonds, over the name of the Fiscal Officer on behalf of the University, shall be given in such manner determined by the Fiscal Officer, provided that such notice shall be published at least once, not less than ten calendar days before the date for receipt of bids, in *The Daily Bond Buyer* or the *Wall Street Journal*, or both. Such Notice of Sale shall set forth the terms pertaining to the bids and other terms and conditions of the sale of the Series 1981 Bonds as the Fiscal Officer shall determine, provided that the purchase price therefor as may be prescribed in the Notice of Sale shall be not less than par plus accrued interest and the highest single interest rate that may be bid may not exceed 10-1/2% or such lower rate as may be prescribed in the Notice of Sale. The Fiscal Officer may also cause to be prepared and printed and, together with the Chairman of this Board, shall sign an official statement of the University setting forth appropriate material information pertaining to the University and to the Series 1981 Bonds, in sufficient number for distribution to prospective bidders.

(c) **AWARD.** Unless all bids are rejected, the Fiscal Officer, acting on behalf of the University, shall award the Series 1981 Bonds to the highest bidder therefor based on the lowest interest cost to absolute maturity of the Series 1981 Bonds, such lowest interest cost to be determined by taking the aggregate amount of interest to the several maturity dates of the Series 1981 Bonds at the rate or rates specified and deducting therefrom the amount of the premium offered, if any. The cost of printing the Series 1981 Bonds shall not be considered

February 6, 1981 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF  
GENERAL RECEIPTS BONDS, SERIES 1981 (contd)**

in determining the lowest interest cost. Such award shall be made by a certificate of the Fiscal Officer, herein called the "Certificate of Award," which shall identify the successful bidder (called "Original Purchaser" in this Resolution and the Trust Agreement), the interest rate or rates, and state such other data or provisions as the Fiscal Officer determines consistent with this Resolution and the Trust Agreement. The Certificate of Award shall be incorporated in and form a part of the Supplemental Trust Agreement authorized by Section 9 hereof.

**Section 6. APPLICATION OF PROCEEDS OF SERIES 1981 BONDS.** All of the proceeds from the sale of the Series 1981 Bonds shall be received and receipted by the Fiscal Officer, and shall be allocated, deposited and applied as follows:

- (a) To the Bond Service Account in the General Receipts Bond Service Fund, the portion of such proceeds representing accrued interest and premium, if any; and
- (b) To the timely payment and discharge of the Outstanding Notes, the balance of the proceeds from the sale of the Series 1981 Bonds.

The Fiscal Officer is hereby directed to apply to the payment of interest due on the Outstanding Notes upon the date of their payment, such amounts as may be required therefor from funds of the University lawfully available therefor.

**Section 7. USE OF PROCEEDS.** The University hereby covenants that it will restrict the use of the proceeds of the Series 1981 Bonds in such manner and to such extent, if any, as may be necessary, after taking into account reasonable expectations at the time of the delivery of and payment for such Bonds, so that the Series 1981 Bonds will not constitute arbitrage bonds under Section 103(c) of the Internal Revenue Code and the applicable income tax regulations under that Section. The Fiscal Officer or any other officer, including the Secretary of the Board, having responsibility for issuing the Series 1981 Bonds is authorized and directed, alone or in conjunction with any of the foregoing or with any other officer or employee of or consultant to the University, to give an appropriate certificate of the University, for inclusion in the transcript of proceedings for the Series 1981 Bonds, setting forth the reasonable expectations of the University on the date of delivery of and payment for the Series 1981 Bonds regarding the amount and use of the proceeds of the Series 1981 Bonds and the facts, estimates and circumstances on which they are based, pursuant to said Section 103(c) and the applicable income tax regulations thereunder. The Fiscal Officer shall furnish to the Original Purchaser a true transcript of proceedings, certified by him, of all proceedings had with reference to the issuance of the Series 1981 Bonds along with such information from the records as is necessary to determine the regularity and validity of the issuance of said Bonds.

**Section 8. FUNDING OF REQUIRED RESERVE.** In accordance with and consistent with clause (2)(i) of Section 7(b) of the General Bond Resolution, the portion of the Required Reserve necessitated by reason of the Series 1981 Bonds, based on the interest rates as set forth in the Certificate of Award, shall be funded as provided in this Section 8.

February 6, 1981 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF  
GENERAL RECEIPTS BONDS, SERIES 1981 (contd)**

At least five business days before each June 1 and December 1, commencing June 1, 1981, the University shall pay to the Trustee from the Bond Pledge Fund and, if necessary, from any other General Receipts of the University, to the credit of the Bond Service Reserve Account, at least one-tenth of such portion of the Required Reserve necessitated by reason of the Series 1981 Bonds. Such payments to the Trustees shall, subject to clause (2)(iii) of Section 7(b) of the General Bond Resolution, be made and continue at the times and in the amounts aforesaid until the aforesaid portion of the Required Reserve is fully funded.

Section 9. SECOND SUPPLEMENTAL TRUST AGREEMENT. The Chairman of the Board, the President of the University, the Secretary of the Board, and the Fiscal Officer, or any one or more of them, are authorized and directed to execute, acknowledge and deliver to the Trustee, in the name of and on behalf of the University, a Second Supplemental Trust Agreement pursuant to the Trust Agreement and in connection with the issuance of the Series 1981 Bonds, in substantially the form submitted to this Board with such changes therein not substantially adverse to the University as may be permitted by the Act and the Trust Agreement or this Resolution and approved by the officer or officers executing the same on behalf of the University. The approval of such changes, and that such changes are not substantially adverse to the University, shall be conclusively evidenced by the execution of the Second Supplemental Trust Agreement by such officer or officers.

Section 10. OPEN MEETING. It is found and determined that all formal actions of this Board and of any of its committees concerning and relating to the adoption of this resolution were adopted in an open meeting of this Board, and that all deliberations of this Board and of any of its committees that resulted in such formal action were in meetings open to the public, in compliance with all legal requirements including Section 121.22 of the Ohio Revised Code.

Upon motion of Mr. Hilliker, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**METHOD OF REFUNDING THE OHIO STATE UNIVERSITY  
GENERAL RECEIPTS BOND ANTICIPATION NOTES, SERIES 1980**

Resolution 81-81

*Synopsis: Authorization to determine the method of refunding The Ohio State University General Receipts Bond Anticipation Notes, Series 1980, is recommended.*

WHEREAS the Board of Trustees (the "Board") of The Ohio State University (the "University") has adopted on this date Resolution No. 81-79 providing for the issuance and sale of \$9,500,000 The Ohio State University General Receipts Bond Anticipation Notes, Series 1981 (the "Series 1981 Notes") to refund the \$9,500,000 The Ohio State University General Receipts Bond Anticipation Notes, Series 1980 (the "Series 1980 Notes") which mature on April 1, 1981; and



February 6, 1981 meeting, Board of Trustees

**METHOD OF REFUNDING THE OHIO STATE UNIVERSITY  
GENERAL RECEIPTS BOND ANTICIPATION NOTES, SERIES 1980 (contd)**

WHEREAS the Board has adopted on this date Resolution No. 81-80 providing for the authorization, issuance and sale of \$9,500,000 The Ohio State University General Receipts Bonds, Series 1981 (the "Series 1981 Bonds") to refund the Series 1980 Notes; and

WHEREAS the Board does not intend to issue both the Series 1981 Notes and the Series 1981 Bonds, but rather one or the other; and

WHEREAS because of uncertain market conditions affecting the sale of debt obligations of the University the Board desires to have the flexibility to take advantage in its method of refunding the Series 1980 Notes of the most favorable market conditions prevailing at the time of such refunding;

NOW THEREFORE, BE IT RESOLVED BY THE BOARD, THAT:

Section 1. The Vice President for Business and Administration is hereby authorized and directed to determine whether the University will issue General Receipts Bond Anticipation Notes pursuant to Resolution No. 81-79 or General Receipts Bonds pursuant to Resolution No. 81-80 to refund the Series 1980 Notes, giving due consideration to such factors as interest rates and other market factors connected with the sale of debt obligations of the University, and the time of need of note or bond proceeds.

Section 2. It is found and determined that all formal actions of this Board and of any of its committees concerning and relating to the adoption of this resolution were adopted in an open meeting of this Board, and that all deliberations of this Board and of any of its committees that resulted in such formal action were in meetings open to the public, in compliance with all legal requirements including Section 121.22 of the Ohio Revised Code.

Upon motion of Mr. Hilliker, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO**

Resolution No. 81-82

RESOLVED, That the report on the University's Investment Portfolio, dated January 16, 1981, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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February 6, 1981 meeting, Board of Trustees

## STATEMENT - MINORITY CONCERNS

Mr. Devenow:

Before I give the Reports, Dr. Hale has sent me a note here which reads as follows: 'As the Vice Provost in charge of minority affairs, please allow me 3-5 minutes to express the minority faculty concern as regards the Presidential Search Committee. I am aware that the Steering Committee is currently dealing with the matter.' Dr. Hale, under the rules, the Board must be notified 72 hours in advance of any statement you would like to make and I am going to waive that rule, and if you can, please confine it to no more than five minutes, sir.

Dr. Hale:

Thank you kindly. I would like to thank the members of the Board for this opportunity. Things have been happening rather swiftly with respect to the Selection Committee. Some of us were not fully aware of the process when it began or what the involvement was with respect to the governance and participation.

The Office of Minority Affairs Advisory Council and Minority Affairs Coordinating Council, made up of a limited number of representatives from the various minority programs throughout the University, have expressed concern that with respect to the designation of the committee, has placed nominees as presented by the Steering Committee, does not properly represent the constituencies of the University as a whole. We fully are aware of the fact that there are a variety of constituencies throughout the University and obviously it would be difficult to have some kind of representative from each of those particular groups. Our concern is that any President coming to this particular University would have laid at his doorstep various outstanding members of academic programs and those academic programs, many of them, would impact on minority presence at this institution and student attention at this institution. I think many of us are fully aware of the inadequate background of these numbers of these persons who have come to us as underachievers, unemployed, and many of them unemployable, and we certainly want to do what we can to be able to feed into that committee and to those candidates who will be coming what our concerns might very well be.

We certainly do not accuse the committee or anyone else of trying to overlook the concerns of minorities. We fully recognize that there are two minority persons who sit on that committee now constituted: a minority student, who happens to be a minority student representing the Council of Graduate Students and also a non-teaching employee. We think it's very important that we have representation there that reflects the cultural experiences and emotional experiences of those minority faculty who have had to deal with minority issues and students and programs and personnel on this campus and who will continue to do so. We do not feel that there are necessarily intended insensitivities on the part of others who would be there, but we know full well that those of us who sit in official capacity, and even those who do not sit in any official minority capacity, as minority faculty members are constantly being inundated with those minority students who are coming and going from time to time to express their interest.

February 6, 1981 meeting, Board of Trustees

**STATEMENT - MINORITY CONCERNS (contd)**

Dr. Hale: (contd)

So, we are asking you to give whatever thrust and meaning to what we have been talking about in the last ten years at this institution in terms of affirmative action. Almost any administrative committee and any number of committees that are appointed from time to time do keep that particular factor in mind; that is, the importance of minority presence. We have diversity as far as the academic is concerned. But the fact of the matter is there are so many social/political implications and sensitivities dealing with minority persons on this campus that we want full well that those candidates who come to this campus will have some opportunity to talk with minority faculty who are dealing once again, I say, with those problems affecting minority students, minority programs, and minority faculty. Thank you very much.

Mr. Devenow: Thank you, Dr. Hale.

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**HISTORY OF ENARSON YEARS AS PRESIDENT**

Resolution No. 81-83

*Synopsis: Authorization for preparation of History of Enarson Years as President is being requested.*

WHEREAS it has been traditional that a history of the years an individual spends as President of the University is prepared upon the resignation of that President; and

WHEREAS President Harold L. Enarson has indicated his intention to resign from the Presidency on August 31, 1981:

NOW THEREFORE

BE IT RESOLVED, That the Secretary of the Board of Trustees be authorized to engage the services of a notable historian to prepare a History of the Enarson Years at an appropriate time, and that the Fiscal Affairs Committee of the Board of Trustees authorizes the expenditure from the unrestricted gifts to the University Endowment Fund of an amount sufficient to finance this project.

Upon motion of Dr. Jacob, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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February 6, 1981 meeting, Board of Trustees

## PORTRAIT OF HAROLD L. ENARSON

Resolution No. 81-84

*Synopsis: Authorization for portrait of President Harold L. Enarson.*

WHEREAS it has been traditional that an oil portrait of the President of the University is presented for appropriate display by the University at the time said President relinquishes his office; and

WHEREAS President Harold L. Enarson has indicated his intention to resign from the Presidency on August 31, 1981:

NOW THEREFORE

BE IT RESOLVED, That the Secretary of the Board be authorized to commission an outstanding portrait painter to paint a portrait of Harold L. Enarson and that the Fiscal Affairs Committee of the Board of Trustees authorizes the expenditure from the unrestricted gifts to the University Endowment Fund to be used to finance this project.

Upon motion of Mr. Immke, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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## REPORT - THE FIESTA BOWL TRIP TO TEMPE, ARIZONA

Mr. Devenow made the following statement:

I would like to take this opportunity to mention Ohio State's recent trip to the Fiesta Bowl in Tempe, Arizona, and to express the Board's deep appreciation to two of our people who are deserving of recognition for their efforts following an incident at the Phoenix airport on December 29. For those who are unaware of what happened, I will relate the circumstances of that afternoon.

While the charter airplane carrying members of Ohio State's Alumni Tour including the University's official party was taxiing to the runway for takeoff, a malfunction occurred in one of the plane's systems which caused the flight to be aborted and necessitated that the 238 passengers evacuate via the emergency chutes. During this evacuation, several of our people received minor injuries and two of our administrators received more serious injuries resulting in their hospitalization in Phoenix.

During and immediately following the evacuation there was much apprehension by those involved. While many people were of great help in calming the passengers and assisting those who received injuries, I would like to publicly thank Dr. Henry Cramblett and Dan Heinlen for their diligent efforts and sincere concern.

February 6, 1981 meeting, Board of Trustees

## REPORT - THE FIESTA BOWL TRIP TO TEMPE, ARIZONA (contd)

Mr. Devenow: (contd)

First of all, I cannot say enough about Dr. Cramblett who came to the aid of the most seriously hurt and stuck by them assuring that they received proper medical attention to their injuries. As it turned out, this was not a simple task to accomplish and Dr. Cramblett subsequently filed a report in Phoenix delineating the frustration he felt in trying to get prompt emergency care for the injured. I would like to thank him not only for his concern and untiring efforts throughout the night of December 29 and the following morning, but for his courage in speaking out to the Phoenix authorities about this confusing situation.

Secondly, I want to thank Dan Heinlen for his efforts in assisting the injured, and in making certain the tour group was as comfortable and well taken care of as possible following this upsetting incident.

To both of these gentlemen, as well as to the numerous others who assisted, we are most grateful. I am most grateful that there was no loss of life. The spirit of concern and caring shown by all aboard the charter was a source of real pride for me. Once again I'm proud of this University and of the people who serve and support it.

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## BUDGET - PRESIDENT ENARSON

President Enarson:

I have one item I would like to report, and I won't take but a couple of minutes; I know that you don't like to be surprised, although I don't think this item will surprise you. The *OSU Monthly* is out, and it has, 'President speaks against budget cuts,' and I wouldn't want you to be surprised that I am hostile to those budget cuts, but I am always charitable to the Governor, so I say things like, 'Many of the Governor's initiatives deserve our support,' which kind of means they don't all deserve our support, then I go on, as you would expect, to say, 'We are asked to do more and do it with less money'; you've heard that before. 'We are expected to launch no new initiatives to expand or to improve service. We are asked to fund existing programs with less real dollars,' and then I go on to talk about the impact of inflation. Well, let me break the suspense here and tell you that the issue is February, 1973--eight years ago--and the name of the Governor was Gilligan. Governors don't change, legislatures don't change, and I don't change, and the dollar support continues to go down.

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February 6, 1981 meeting, Board of Trustees

## STATUS REPORT ON THE PRESIDENTIAL SEARCH COMMITTEE

Mr. Havens:

Mr. Chairman, members of the Board: I would like at this time to read a brief statement which highlights the work of the Search Committee on Selection of a President.

At the outset, I should like to report that the committee is off to a great beginning. To date we have had two meetings, and I am pleased to tell you that in each case an overwhelming majority of the committee members were in attendance. Although our first meeting was devoted primarily to organizational details and an introduction to the search process, there was a general sense on the part of all that the work of this committee was to be taken seriously with no lost motion in our efforts.

An outline of plans for future meetings was developed, and I should like to comment briefly about them. It was agreed that in order to ensure the widest possible search, the committee should make every effort to contact persons in higher education, including presidents of major graduate/research institutions, as well as members of various interested associations such as—to name a few—past and present officers of the OSU Alumni Association, the Development Fund Board, editors of the major Ohio dailies, prominent community leaders, as well as others. These persons have been invited to present their views concerning the needs and directions of The Ohio State University over the next ten years. They were also asked to present suggestions regarding persons who might be considered for the presidency. In this regard, I am pleased to report that more than 200 letters have been mailed to date.

I should also like to report that in our second meeting, considerable effort and discussion were devoted to the review and development of 'Guidelines for the Selection of a President.' Such guidelines, as you know, are a customary part of any presidential search process. You might be interested in knowing that during the past week the committee made an extraordinary effort to develop such a statement for our search. I hope you will agree with me that the statement is superbly done and reflects great credit on the part of the entire committee—but most specifically on the efforts of Professor of English John Gabel who provided the coordinative leadership to put the statement in final form. At this time I would like to share with members of the Board a copy of the 'Guidelines for the Selection of a President of The Ohio State University.' (See following page)

Mr. Chairman, I would conclude by noting that we have set an ambitious schedule for ourselves, but I am persuaded that we can get the job done consistent with the mandate of the Trustees. The next meeting of the committee will be held tomorrow morning at 9:00 here at the Fawcett Center for Tomorrow.

**GUIDELINES FOR THE SELECTION OF A PRESIDENT  
OF THE OHIO STATE UNIVERSITY**

**I. General Qualities Desirable in the President of the University**

- An understanding of the role and function (both historic and potential) of higher education in general and of this large, multi-campus, land-grant university in particular
- The ability to provide leadership in a system of highly diffuse authority and across a wide range of constituent elements, including students, staff, faculty, Board of Trustees, alumni, and the greater University community
- The ability to administer the ongoing work of the University, both directly and through the delegation of powers to an effective administrative staff
- A commitment to maintaining a strong faculty and a recognition of the centrality in any great university of excellent teaching, research, and scholarship
- A genuine openness to the interests and needs of the University students
- A commitment to work in behalf of women and minority groups within the University in their efforts to achieve equality of opportunity and of reward for merit
- An appreciation of the complexity of the non-academic functions served by the University within its local area and the State of Ohio
- The ability to represent effectively and vigorously the University's interests to such official parties and bodies as the Governor, the State Legislature, the Ohio Board of Regents, and federal regulatory agencies and to undertake the duty of fund raising from both public and private sources

**II. Personal and Professional Qualifications for Presidential Candidates**

- An outstanding record of administrative accomplishment, preferably at a high level in a major educational institution or in a leading research, governmental, or business organization
- A national reputation for accomplishment in a given field and the formal academic preparation and experience required for appointment to a full professorship
- A Ph.D. degree or the equivalent
- Experience in working effectively with students both inside and outside the classroom
- Knowledge in depth of the duties of a university professor and experience in dealing with faculty concerns
- Experience in handling the employment concerns of the support staff of an educational, research, or business organization
- Freedom from associations or personal interests which might conflict with the performance of university duties
- Vigor of mind and body and a genuine enthusiasm for meeting the many and great demands of this exacting position

(It is not expected that any one candidate will possess all of the above qualifications in equal proportion. Candidates may indeed lack one or another of the qualifications but nevertheless be worthy of consideration by virtue of particular strength in other areas.)

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February 6, 1981 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, March 6, 1981, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott  
Secretary

Chester Devenow  
Chairman



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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND SIXTY-SIXTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 6, 1981

The Board of Trustees met at its regular monthly meeting on Friday, March 6, 1981, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Chester Devenow, Chairman, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath, and Edmund C. Redman.

\* \* \*

Minutes of the last meeting were approved.

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March 6, 1981 meeting, Board of Trustees

The Chairman, Mr. Devenow, called the meeting of the Board of Trustees to order at 12:00 noon. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues.

Present: Chester Devenow, Chairman, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath, and Edmund C. Redman.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

## RESOLUTIONS IN MEMORIAM

Resolution No. 81-85

*Synopsis: Resolutions honoring the service of three of this University's faculty members who have recently died are being proposed.*

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Dr. Jacob, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Gwendoline Bellam

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 22, 1980, of Gwendoline Bellam, Associate Professor Emeritus in the School of Nursing.

Professor Bellam was born on October 31, 1912, in South Wales, Great Britain. Her parents emigrated to this country when she and her sister Constance were children. They made their home in Connecticut and became United States citizens.

The Depression Years of the early 1930's saw Professor Bellam graduating from high school and enrolling in the Greenwich Hospital School of Nursing from which she received a diploma in 1935. Upon graduation she initially served as Assistant Head Nurse on the pediatric unit of the hospital. Following a four-months' certificate program at Babies Hospital, a component of the Columbia-Presbyterian Medical Center in New York City, she returned to the position of Supervisor and Instructor of pediatric nursing at Greenwich, continuing there until 1942.

Just prior to four years of service in the United States Army Nurse Corps during World War II, she worked under the auspices of the American Red Cross as a Staff Nurse on a surgical and orthopedic unit of the American Hospital in Headington, England. Professor Bellam was discharged from the Army as a Captain, having seen service with the 1st General Hospital Unit in both the European and African Theaters of War.

March 6, 1981 meeting, Board of Trustees

### RESOLUTIONS IN MEMORIAM (contd)

Gwendoline Bellam (contd)

Following the war, all of her positions were instructional and all related to the nursing care of children, who were clearly her first love. In 1949 and 1958, respectively, she obtained bachelor's and master's degrees from Teachers College, Columbia University in programs that prepared for teaching pediatric nursing. After completing her baccalaureate studies, she served as a postgraduate Clinical Instructor at Children's Memorial Hospital in Chicago until the Spring of 1951. This experience was followed by five years as an Instructor at the School of Nursing of the Massachusetts General Hospital in Boston.

Having attained her master's degree in 1958, she joined the faculty of the Syracuse University School of Nursing and continued there for the two years just prior to joining the faculty of The Ohio State University as an Assistant Professor in 1960. Professor Bellam was promoted to the rank of Associate Professor and accorded tenure on this faculty in 1966.

For the first eight years that she was on the School of Nursing's faculty, she taught the nursing of children to undergraduate students and supervised their clinical practice at Children's Hospital, Columbus.

Professor Bellam shared her knowledge of children and their care through articles published in several nursing journals, through the presentation of numerous papers, and by participating in continuing education and in-service programs. She was active at the local and state levels in forwarding the work of the National League for Nursing, the American Nurses' Association, and the American Association of Maternal/Child Health. Various committees of the School of Nursing, the College of Medicine, and the University benefitted from her informed, responsible membership.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

George Nichol Moffat

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 28, 1981, of George N. Moffat, Professor Emeritus, Department of Mechanical Engineering.

Born April 13, 1893, in St. Paul, Minnesota, he graduated from the University of Minnesota in 1918 with a Bachelor of Science in Mechanical Engineering. He was awarded the professional degree of Mechanical Engineer by the University of Minnesota in 1919, for which his thesis was research on Nickel-Chrome-Molybdenum Steels.

He was Engineer-of-Tests with the U. S. Ordnance Corps in 1918 and part of 1919. He then became Experimental Engineer with the Harrison Radiator Corporation in Lockport, New York.

March 6, 1981 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

George Nichol Moffat (contd)

When George Moffat came to The Ohio State University as Instructor in Mechanical Engineering in 1923, the College of Engineering was under the leadership of Dean Hitchcock and the Department Chairman was William T. Magruder.

As he progressed through the academic ranks to full professorship, George Moffat served as consultant to many companies in the Columbus area and elsewhere, including the Seagrave Company, the Koppers Koke Company, the E. F. Houghton Company and Battelle Memorial Institute. His publications include the topics of heat treatment of malleable iron and the development of V-belts. He was granted the Professor Emeritus title when he retired in 1962.

As a registered Professional Engineer, he worked with the Industrial Commission of Ohio on the Boiler Test Code and was a member of a committee for Army Ordnance Specifications and Testing and in the training of inspection personnel during World War II.

George Moffat held numerous offices in the American Society for Metals, including that of Chairman of the local section. He was elected an honorary member of the National Association of Power Engineers and was a member of Sigma Xi.

Perhaps above all, there are many of us who remember him as both teacher and friend. We were fortunate to have known him as both, and we will continue to remember him.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

William Crawford Slater

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 16, 1981, of William C. Slater, Assistant Professor in the Department of Botany at the Newark Campus.

Professor Slater received his Bachelor of Arts degree in 1949 from Denison University and his Master of Science degree in botany from Ohio University in 1971.

Professor Slater joined the faculty at the Newark Campus in 1967, first as a Teaching Associate and then as an Instructor. He was promoted to the rank of Assistant Professor in 1974. Professor Slater went on half time in 1977 because of a severe cardiac problem and underwent a series of hospitalizations that continued until his death. He did, however, return to full-time teaching in 1980.

Professor Slater's work concentrated on teaching botany and biology and, as such, was a popular instructor, known for his humor and his ability to explain the subject matter. Most importantly, he established rapport with his students, identified with them and helped them in resolving their problems.

March 6, 1981 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

William Crawford Slater (contd)

Professor Slater was the curator of Biological Reserve at Denison University for a number of years and as such made a substantial contribution to the preservation and knowledge of wild life in the Central Ohio region. He took a keen interest in the work of that Reserve despite his ailing health.

Professor Slater had an active role in the development of the Newark Campus, serving in a number of important faculty posts, most notably Faculty Council President and Ombudsman. He also aided the early development of the Central Ohio Technical College at the Newark Campus by providing instruction in basic science. His contacts with the local people and their ways and his ability to translate local attitudes to the OSU Newark community were a special contribution. He was widely known among all circles on the Newark Campus and was genuinely respected and appreciated by all. He will be sorely missed as a colleague and a friend.

William Slater was recently in the early stages in a promising research project concerning the possible inheritance of alcoholism and as such, had contributed a paper at an international conference on alcoholism at Bath, England, in 1980. He was in demand as a speaker among specialists in this area. He was on his way to continue his research at the time of his fatal attack.

Professor Slater was a unique colleague whose positive attitude, sense of humor, joy of life and ability to lead a full academic career despite health problems was an inspiration to others.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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## AMENDMENTS TO RULES 3335-5-46, 3335-5-47, 3335-5-52, 3335-9-14 OF THE RULES OF THE UNIVERSITY FACULTY

Resolution No. 81-86

*Synopsis: Changes in the Rules of the University Faculty are proposed.*

WHEREAS the University Senate, pursuant to rule 3335-1-09 of the Administrative Code, is authorized to recommend through the President to the Board of Trustees the adoption of amendments to the *Rules of the University Faculty* as approved by the University Senate:

3335-5-46 Senate committees and 3335-5-47 Committees.

There is no mechanism currently provided for replacement of inactive members of committees or those unavailable for committee service, and there is no provision for alternates to be available for committee service. The university senate elects committee membership upon nomination by designated sources.

March 6, 1981 meeting, Board of Trustees

**AMENDMENTS TO RULES 3335-5-46, 3335-5-47, 3335-5-52,  
3335-9-14 OF THE RULES OF THE UNIVERSITY FACULTY (contd)**

**3335-5-52 Council on admission and registration.**

The wording as previously approved which designates membership to be elected by the senate is redundant. The appropriate channel for reports, other than those made through the senate, is through the vice president for educational services rather than the vice president for business and administration.

**3335-9-14 Time of registration and payment of fees; penalties.**

Specific fee payment deadlines are established and flexibility is needed to establish the deadline on a quarter-by-quarter basis.

**NOW THEREFORE**

BE IT RESOLVED, That the foregoing amendments to *Rules of the University Faculty*, as approved by the University Senate on February 14, 1981, be adopted by the Board of Trustees for inclusion in the next publication of this document.

Upon motion of Dr. Jacob, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

**RULES**

**3335-5-46 Senate committees.**

(F) Committee vacancy: the chairman will report vacancies to the appropriate nominating source. For the purpose of this rule, a vacancy exists when an elected member is on leave of absence or fails to meet the participation requirements defined by the committee.

(L) The steering committee shall have the following duties and responsibilities:

(3) The steering committee shall, at the beginning of each year or as vacancies may occur, nominate candidates for election by the senate to membership on those committees for which other means of nomination are not specified in the rules.

**3335-5-47 Committees.**

(B) The chairman will report vacancies to the appropriate nominating source. For the purpose of this rule, a vacancy exists when an elected member is on leave of absence or otherwise fails to meet the participation requirements defined by the committee.

**3335-5-52 Council on admission and registration.**

(A) The council on admission and registration shall consist of seventeen members chosen as follows:



March 6, 1981 meeting, Board of Trustees

**AMENDMENTS TO RULES 3335-5-46, 3335-5-47, 3335-5-52,  
3335-9-14 OF THE RULES OF THE UNIVERSITY FACULTY (contd)**

**RULES (contd)**

- (3) Members elected by the senate: six faculty, at least three of whom shall be senate members; two undergraduate students; two graduate students; and one professional student.
- (C) Reports by this council to the president, other than those made through the university senate, shall be made through the vice president for educational services.

**3335-9-14** Time of registration and payment of fees; penalties.

- (A) Payment of fees is required of all students each quarter by the close of business on the date established by the vice president for educational services in cooperation with the appropriate offices, and published by the office of registration services. This fee payment deadline will apply to the postmark date for fees paid by mail and to the date of receipt for fees paid in person. Failure to meet this requirement will result in a penalty assessment, unless excused by the assistant vice president for registration services or designee.

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**TRANSFER OF ADMINISTRATIVE RESPONSIBILITY AND CHANGE  
NAME OF OFFICE FOR THE PHYSICALLY IMPAIRED**

Resolution No. 81-87

*Synopsis: Recommendation is made to transfer administrative responsibility for the Office for the Physically Impaired, to change the name of that unit, and to make the appropriate Administrative Code amendments to reflect the transfer and the name change.*

WHEREAS the Office for the Physically Impaired has been under the jurisdiction of the Vice President for Personnel Services; and

WHEREAS administrative authority for this office has been transferred to the Vice President for Student Services; and

WHEREAS the services performed by this office have been expanded to serve, among others, those members of the University community with learning disabilities; and

WHEREAS the current name of the Office for the Physically Impaired does not reflect adequately the full scope of the services now provided:

**NOW THEREFORE**

**BE IT RESOLVED**, That pursuant to paragraph (A) of rule 3335-1-09 of the Administrative Code and upon the recommendation of the Vice President for Student Services, the Office for the Physically Impaired is redesignated as the Office for Disability Services; and

March 6, 1981 meeting, Board of Trustees

**TRANSFER OF ADMINISTRATIVE RESPONSIBILITY AND CHANGE  
NAME OF OFFICE FOR THE PHYSICALLY IMPAIRED (contd)**

BE IT FURTHER RESOLVED, That the Office for the Physically Impaired be deleted from paragraph (N) of rule 3335-1-03 and paragraph (B) of rule 3335-3-14, and Director of the Office for the Physically Impaired be deleted from paragraph (C) of rule 3335-3-14 of the Administrative Code; and

BE IT FURTHER RESOLVED, That the Office for Disability Services be added to paragraph (I) of rule 3335-1-03 and paragraph (B) of rule 3335-3-09, and Director of the Office for Disability Services be added to paragraph (C) of rule 3335-3-09 of the Administrative Code.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

**RULES**

**3335-1-03 Administration of the university.**

- (I) Vice president for student services. The major area of responsibility and authority of the vice president for student services shall be that of student services at the university. Without limiting the generality of the foregoing, the vice president for student services shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: the promulgation of rules governing student conduct both on and off campus; the coordination of student extracurricular activities including all student (or student-connected) organizations; and the administration of all residence and dining hall facilities; nonacademic student discipline; the student health service including primary responsibility for university-wide environmental health and safety; university union facilities and programs; student athletic programs including intercollegiate athletics, recreation and intramural programs; counseling; office for disability services; student financial aids and scholarships; off-campus student housing; and international student programs.
- (N) Vice president for personnel services. The major area of responsibility and authority of the vice president for personnel services shall be that of the administration of the personnel services of the university. Without limiting the generality of the foregoing, the vice president for personnel services shall, under the direction of the president and subject to the approval of the board of trustees, be responsible and have the requisite authority for: benefits administration which includes the various insurance programs for the faculty, staff, and students; classification administration including determining which employees and positions are to be in the unclassified and classified service; professional employment services; staff employment services; employee relations, including negotiating with the labor unions; personnel research and information; compensation administration; payroll; and the child care program. In addition to the above the vice president for personnel services, along with other members of the staff designated by the president, shall provide such assistance as may be deemed appropriate for the implementation of programs related to affirmative action at the university.

March 6, 1981 meeting, Board of Trustees

**TRANSFER OF ADMINISTRATIVE RESPONSIBILITY AND CHANGE  
NAME OF OFFICE FOR THE PHYSICALLY IMPAIRED (contd)**

**RULES (contd)**

**3335-3-09 Vice president for student services.**

- (B) The major area of responsibility and authority of the vice president for student services shall be that of student services at the university. Without limiting the generality of the foregoing, the vice president for student services shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: the promulgation of rules governing student conduct both on and off campus; the coordination of student extra-curricular activities including all student (or student-connected) organizations; and the administration of all residence and dining hall facilities; nonacademic student discipline; the student health service including primary responsibility for university-wide environmental health and safety; university union facilities and programs; student athletic programs including intercollegiate athletics, recreation and intramural programs; counseling; office for disability services; student financial aids and scholarships; off-campus student housing; and international student programs.
- (C) The principal administrative officials of the office of student services shall be the assistant vice president(s), the dean of student life, the director of counseling and consultation services, the director of the university health services, the director of Ohio/Drake unions, the director of student financial aids, the director of athletics, the director of residence and dining halls, the director of recreation and intramural sports, the director of office for disability services, the director of international student and scholar services, and such other associates as may be authorized from time to time. (B/T 7/11/68, B/T 9/10/70, B/T 12/3/71, B/T 10/5/73, B/T 4/6/79, B/T 1/10/80, B/T 3/6/81)

**3335-3-14 Vice president for personnel services.**

- (B) The major area of responsibility and authority of the vice president for personnel services shall be that of the administration of the personnel services of the university. Without limiting the generality of the foregoing, the vice president for personnel services shall, under the direction of the president and subject to the approval of the board of trustees, be responsible and have the requisite authority for: benefits administration which includes the various insurance programs for the faculty, staff, and students; classification administration including determining which employees and positions are to be in the unclassified and classified service; professional employment services; staff employment services; employee relations, including negotiating with the labor unions; personnel research and information; compensation administration; payroll; and the child care program. In addition to the above the vice president for personnel services, along with other members of the staff designated by the president, shall provide such assistance as may be deemed appropriate for the implementation of programs related to affirmative action at the university.

March 6, 1981 meeting, Board of Trustees

**TRANSFER OF ADMINISTRATIVE RESPONSIBILITY AND CHANGE  
NAME OF OFFICE FOR THE PHYSICALLY IMPAIRED (contd)**

**RULES (contd)**

- (C) The principal administrative officials of the office of personnel services shall include the assistant vice president; director of employment services; director of staff relations; director of compensation services; director of benefits administration; director of personnel systems and research; director of classification services; director of the child care center; and such other associates as may be authorized from time to time. (B/T 9/5/75, B/T 7/21/78, B/T 3/6/81)

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**NAMING OF BUILDING**

Resolution No. 81-88

*Synopsis: Naming of Metallurgical Engineering Building is proposed.*

WHEREAS pursuant to the authority of this Board in naming of all buildings at The Ohio State University as set forth in paragraph (G) of rule 3335-1-08 of the Administrative Code; and

WHEREAS the President recommended, with the concurrence of the President's staff, that the Metallurgical Engineering Building, located at 116 West Nineteenth Avenue, be named Mars G. Fontana Laboratories to honor Mars G. Fontana, who served as Chairman of the Department of Metallurgical Engineering from 1948 to 1975:

NOW THEREFORE

BE IT RESOLVED, That the Metallurgical Engineering Building be named the Mars G. Fontana Laboratories in accordance with the President's recommendation.

Upon motion of Dr. Jacob, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**DEGREES AND CERTIFICATES - WINTER QUARTER COMMENCEMENT**

Resolution No. 81-89

*Synopsis: Approval is being requested for awarding degrees and certificates for Winter Quarter Commencement.*

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

March 6, 1981 meeting, Board of Trustees

**DEGREES AND CERTIFICATES - WINTER QUARTER COMMENCEMENT (contd)**

WHEREAS the faculties of the colleges and schools shall transmit the names of persons who have completed degree and certificate requirements in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees:

**NOW THEREFORE**

BE IT RESOLVED, That the degrees and certificates be conferred on March 20, 1981, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Dr. Jacob, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**PERSONNEL ACTIONS**

Resolution No. 81-90

*Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, Medical Staff Appointments, Leaves of Absence Without Salary, Professional Improvement Leave, and Emeritus Titles are recommended for approval.*

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the February 6, 1981 meeting of the Board, including the following Appointments, Medical Staff Appointments, Leaves of Absence Without Salary, Professional Improvement Leave, and Emeritus Titles as detailed in the University Budget for 1980-81, be approved.

**Appointments**

Name: PATRIC H. HENDERSHOTT  
Title: Professor (John W. Galbreath Chair in Real Estate)  
Academic Faculty: Finance  
Salary: \$60,000.00 (9-month)  
Effective: January 1, 1982  
Present Position: Professor of Economics and Finance, Krannert Graduate School of Management at Purdue University

NAME: LEE C. NEHRT  
Title: Professor (Owens-Illinois Professor in International Business)  
Academic Faculty: Management Sciences  
Salary: \$50,000.00 (9-month)  
Effective: December 1, 1981  
Present Position: Director, World Trade Institute, New York World Trade Center

March 6, 1981 meeting, Board of Trustees

# PERSONNEL ACTIONS (contd)

## Medical Staff Appointments

Effective January 14, 1981

Name	Appointment	Clinical Division
Christopher E. Desch, M.D.	Limited Staff in General Medicine	Medicine
John D. Bullock, M.D.	Courtesy Staff	Ophthalmology
Roderick Lee Fuller, D.P.M.	Courtesy Staff in General Surgery	Surgery
Gerald Steiman, M.D.	Transfer from Attending to Courtesy Staff	Pediatrics
Jane Roach, M.D.	Transfer from Limited to Courtesy Staff	Pediatrics
Joseph Kutsko, M.D.	Limited Staff	Family Medicine
Marian P. Droba, M.D.	Limited Staff	Family Medicine
Jeanne M. Vinsel, M.D.	Limited Staff	Family Medicine
Jura Adams, M.D.	Limited Staff in General Psychiatry	Psychiatry
Victoria Hsia Chang, M.D.	Limited Staff in Diagnostic Radiology	Radiology

Effective February 11, 1981

Elliot Davidoff, M.D.	Courtesy Staff	Ophthalmology
David P. Poindexter, M.D.	Transfer from Limited Staff to Attending Staff	Physical Medicine and Rehabilitation
David F. Mitchell, M.D.	Transfer from Limited Staff to Attending Staff	Physical Medicine and Rehabilitation
Timothy B. Moritz, M.D.	Limited Staff in Child Psychiatry	Psychiatry
Zehra Salim Kaka, M.D.	Limited Staff in Therapeutic Radiology	Radiology
Roger Jay Masser, D.P.M.	Courtesy Staff in General Surgery	Surgery

## Leaves of Absence Without Salary

HARVEY FRIEDMAN, Professor, Department of Mathematics, effective April 1, 1981 through June 30, 1981, to serve as a visiting professor at Pennsylvania State University.

WILLIAM E. HALL, Professor, School of Journalism, effective October 1, 1981 through June 30, 1982, to serve as a visiting professor at the University of Hawaii.

March 6, 1981 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Leaves of Absence Without Salary (contd)

WILLIAM MOLNAR, Professor, Department of Radiology, effective January 1, 1981 through March 14, 1981, for personal reasons.

GIACOMO SANI, Professor, Department of Political Science, effective April 1, 1981 through June 30, 1981, to continue research in Italy and enhance his contribution to the international thrust of the department and the University.

MARY EVELYN MCGANN, Assistant Professor, Department of English, effective February 17, 1981 through March 20, 1981, for personal reasons.

LORRI A. PORCELLO, Assistant Professor, Cooperative Extension Service and Department of Human Nutrition and Food Management, effective July 1, 1981 through December 31, 1981, to serve one-half time appointment with the Ohio Agricultural Research and Development Center.

#### Professional Improvement Leave

STUART COLLINS, JR., Professor, Department of Electrical Engineering, effective Spring Quarter 1981 and Summer Quarter 1981.

#### Emeritus Titles

FRED E. DEATHERAGE, Department of Biochemistry, with the title Professor Emeritus, effective April 1, 1981.

W. JAMES HARPER, Department of Food Science and Nutrition, with the title Professor Emeritus, effective April 1, 1981.

VIRGIL HINSHAW, JR., Department of Philosophy, with the title Professor Emeritus, effective July 1, 1981.

ANITA R. MCCORMICK, Cooperative Extension Service, with the title Professor Emeritus, effective February 28, 1981.

FRANCIS W. MCCOY, Department of Medicine, with the title Professor Emeritus, effective February 1, 1981.

EDWARD C. MCDONAGH, Department of Sociology, with the title Professor Emeritus, effective April 1, 1981.

JAMES C. HARRIS, Department of Physics, with the title Associate Professor Emeritus (awarded posthumously), effective April 1, 1981.

LOIS A. HUNGATE, Department of Agricultural Economics and Rural Sociology, with the title Associate Professor Emeritus, effective March 1, 1981.

March 6, 1981 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Emeritus Titles (contd)

MARTHA N. STRATTON, College of Administrative Science - Support Services, with the title Instructor Emeritus, effective October 1, 1980.

ROBERT C. RINGER, Office of Personnel Services, with the title Associate to Vice President for Personnel Services Emeritus, effective March 1, 1981.

Upon motion of Mr. Redman, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 81-91

*Synopsis: The reports on contracts, grants, and gifts and the summary for January are presented for Board acceptance.*

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through the The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

#### NOW THEREFORE

BE IT RESOLVED, That the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund during the month of January 1981, be approved.

Upon motion of Dr. Jacob, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.



March 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**SUMMARY FOR JANUARY 1981**

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	77	\$9,820,800.00
Engineering Experiment Station	20	39,861.00
		\$9,860,661.00
The Ohio State University Development Fund	Gifts	
October	4,831	\$ 999,046.91
November	2,661	572,015.31
December	11,050	3,315,762.61

**Establishment of Named Funds**

The Milton Caniff Research Room Fund (Caniff Research Room)	\$ 16,345.23
College of Veterinary Medicine Alumni Scholarship Fund (Veterinary Medicine scholarships and fellowships)	\$ 5,000.00

**Report from Presidents Club**

Members to date	4,460
1981: year to date	17
New members - January 1981	17

**New Presidents Club Members - January 1981**

Arthur D. Bartell	Ted L. Ramirez
Kevin M. Davis	Nancy B. Ross (Mrs. James P.)
Robert H. Herbst	Nancy O. Steinberger
John Howard	(Mrs. Richard L.)
Steven J. Levine	Gregory A. Tomlin
Cynthia B. Levy (Mrs. J. Douglas)	Kay Diane Vermilion
James R. Lomax	James Hay Wilson (In Memoriam)
Joan E. Lomax (Mrs. James R.)	Ruth Jansson Wilson
David L. Rader	(Mrs. James Hay)
Martha C. Rader (Mrs. David L.)	

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND  
SECOND QUARTER CONTRIBUTIONS AND COMPARISONS  
(October, November and December, 1980 Compared to October, November and December, 1979)

	Dollars Received 1980	Dollars Received 1979	Dollars % Change	Gifts Received 1980	Gifts Received 1979	Gifts % Change
ANNUAL GIVING						
Direct Mail	\$ 204,374.48	\$ 68,470.00	198.4	8,073	1,844	337.8
Annals	47,303.29	42,620.46	11.0	2,572	2,550	.9
Miscellaneous	373,819.16	472,760.39	(20.9)	8,028	8,400	(4.4)
Community Campaigns	-----	72,219.54	-----	-----	2,770	-----
Corporate Matching Gifts	69,322.79	36,376.92	90.6	96	166	(42.2)
TOTAL	\$ 694,819.72	\$ 692,447.31	.34	18,769	15,730	19.3
MAJOR RESOURCES						
Deferred Gifts	\$ 322,396.37	\$1,391,400.12	(76.8)	10	47	(78.7)
Major Individuals	1,799,144.91	1,548,083.39	16.2	717	720	(0.42)
Corporate	1,224,442.33	843,329.85	45.2	308	136	126.5
Corporate Foundations	233,256.67	286,338.46	18.5	55	128	(57.0)
Private Foundations	358,964.58	253,879.28	41.4	29	39	(25.6)
Other Organizations	253,800.25	546,430.95	(53.5)	186	553	(66.4)
TOTAL	\$4,192,005.11	\$4,869,462.05	(13.9)	1,305	1,623	(19.6)
GRAND TOTAL	\$4,886,824.83	\$5,561,909.36	(12.1)	20,074	17,353	15.7

March 6, 1981 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

#### **Federal Research Contracts/Grants**

\$5,287,920.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Academic Faculty of Labor and Human Resources (M. E. Borus), 1 October 1981 through 30 September 1982. (Project 760081 - Continuation)

\$350,044.00 - International Development Cooperation Agency, Agency for International Development, Washington, D. C., A Cooperative Agreement Between the Rural Development Office, Technical Assistant Bureau, Agency for International Development and Agricultural Economics and Rural Sociology, The Ohio State University, Department of Agricultural Economics and Rural Sociology (D. H. Boyne and D. W. Adams), 1 October 1980 through 30 September 1981. (Project 760927 - Continuation)

\$349,758.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Joint Services Electronics Program, Department of Electrical Engineering, ElectroScience Laboratory (C. H. Walter, P. H. Pathak, N. N. Wang, R. Kouyoumjian, D. L. Moffatt, E. H. Newman, and J. D. Young), 1 October 1980 through 30 September 1981. (Project 760914 - Continuation)

\$289,995.00 - Department of Education, National Institute of Education, Washington, D. C., ERIC Information Analysis Center for Science, Mathematics, and Environmental Education, Academic Faculty of Science and Mathematics Education (R. W. Howe), 1 January 1981 through 31 December 1981. (Project 761083 - Continuation)

\$268,814.00 - Department of Education, National Institute of Education, Washington, D. C., Institutional Grant, National Center for Research in Vocational Education (R. E. Taylor), 1 December 1980 through 28 February 1981. (Project 762530 - Continuation)

\$218,741.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Southwest Oncology Group, Department of Medicine (H. E. Wilson and S. E. Balcerzak), Department of Radiology (F. Batley), Department of Surgery (J. P. Minton), and Department of Pathology (K. P. Clausen), 1 January 1981 through 31 December 1981. (Project 761094 - Continuation)

\$143,960.00 - National Science Foundation, Washington, D. C., A Comparative Analysis of the Relationship Between Migration and Economic Development, Department of Geography (L. A. Brown and F. C. Stetzer), 1 January 1981 through 31 December 1982. (Project 762538 - New)

March 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$129,053.00 - Department of the Air Force, Electronic Systems Division (AFSC), Hanscom Air Force Base, Massachusetts, Geodetic and Geophysical Parameters, Department of Geodetic Science (U. A. Uotila), 1 October 1980 through 30 September 1981. (Project 761486 - Continuation)

\$113,220.00 - International Development Cooperation Agency, Agency for International Development, Washington, D. C., Thailand Rural Off-Farm Employment Project, Department of Agricultural Economics and Rural Sociology (D. H. Boyne), 15 August 1979 through 14 August 1981. (Project 761898 - Continuation)

\$111,718.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Radar Cross Section Studies, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters and W. D. Burnside), 1 May 1981 through 30 April 1982. (Project 761608 - Continuation)

\$110,000.00 - National Science Foundation, Washington, D. C., An Approach to Program Testing Based on Modularity, Department of Computer and Information Science (S. H. Zweben and L. J. White), 15 January 1981 through 31 January 1983. (Project 762551 - New)

\$94,610.00 - Department of the Interior, Geological Survey, Reston, Virginia, Analysis and Evaluation of Water Quality Data and Monitoring System Efficiency and Utility in the Ohio River Basin, Department of Civil Engineering (E. E. Whitlatch, Jr., R. M. Sykes, V. T. Ricca, and R. C. Stiefel), 1 March 1981 through 28 February 1982. (Project 762051 - Continuation)

\$90,389.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Solution Structure of Ribosomal 5S RNA and 5.8S RNA, Department of Chemistry (A. G. Marshall), 1 January 1981 through 31 December 1981. (Project 762523 - New)

\$82,347.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Toward Optimization of Information in Visual Displays Used for Training, Department of Psychology (D. H. Owen and R. J. Jagacinski) and Department of Aviation (R. S. Jensen), 1 February 1981 through 31 January 1982. (Project 762550 - New)

\$77,994.00 - National Science Foundation, Washington, D. C., Structural and Temporal Patterns in Executive Politics, Department of Political Science (J. H. Kessel), 1 January 1981 through 31 December 1982. (Project 762546 - New)

March 6, 1981 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$66,736.00 - International Development Cooperation Agency, Agency for International Development, Washington, D. C., Savings Mobilization Campaign - Peru, Department of Agricultural Economics and Rural Sociology (D. H. Boyne), 15 July 1979 through 14 July 1981. (Project 761929 - Continuation)

\$58,900.00 - National Science Foundation, Washington, D. C., An Analysis of Microstructure and Toughness of Ceramics, Department of Metallurgical Engineering (R. G. Hoagland), 1 January 1981 through 31 December 1981. (Project 762334 - Continuation)

\$55,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Effects of Ice Formation on 2-D Aerodynamic Shapes, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 1 February 1981 through 31 January 1982. (Project 762009 - Continuation)

\$48,578.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Alcohol Abuse and Alcoholism, Rockville, Maryland, Drug/Alcohol Abuse Career Teacher Training, Department of Preventive Medicine (M. D. Keller), 1 January 1981 through 31 December 1981. (Project 761482 - Continuation)

\$44,722.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Regulation of Gene Expression in Neurospora, Department of Biochemistry (G. A. Marzluf), 1 January 1981 through 31 December 1981. (Project 760578 - Continuation)

\$43,182.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Short-Term Dietary Control of Liver Lipogenesis, Department of Food Science and Nutrition (J. B. Allred), 1 January 1981 through 31 December 1981. (Project 760592 - Continuation)

\$39,815.00 - Defense Mapping Agency, Hydrographic/Topographic Center, Washington, D. C., Research Related to Inertial Survey Systems, Department of Geodetic Science (I. I. Mueller), 1 October 1980 through 30 September 1981. (Project 761793 - Continuation)

\$33,619.00 - National Science Foundation, Washington, D. C., Comparative Microparticle Analysis of the 385M J-9 Ice Core, Ross Ice Shelf, Antarctica, Institute of Polar Studies (D. H. Elliot, L. G. Thompson, and E. Mosley-Thompson), 1 January 1981 through 30 June 1982. (Project 762558 - New)

March 6, 1981 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **Federal Research Contracts/Grants (contd)**

\$28,462.00 - Maryland Procurement Office, Fort George G. Meade, Maryland, Superdirective Arrays, Department of Electrical Engineering, ElectroScience Laboratory (E. Newman), 1 October 1980 through 5 March 1981. (Project 761428 - Continuation)

\$25,484.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Attention and Preparation in Rapid Performance, Department of Psychology (A. G. Greenwald), 1 December 1980 through 30 November 1981. (Project 761466 - Continuation)

\$25,000.00 - Federal Emergency Management Agency, Washington, D. C., Studies of Disaster Evacuation Behavior and Problems, Department of Sociology (E. L. Quarantelli), 1 January 1981 through 30 June 1981. (Project 762432 - Continuation)

\$21,409.00 - Department of Agriculture, Forest Service, Asheville, North Carolina, Fire Testing of Floors, Department of Ceramic Engineering (C. E. Semler) 1 February 1981 through 30 June 1981. (Project 762531 - New)

\$18,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, Chemical Characterization of the Antitumor Factor in the Clam *Mercenaria m.*, Department of Chemistry (D. Horton), 1 December 1980 through 30 November 1981. (Project 762364 - Continuation)

\$18,000.00 - National Science Foundation, Washington, D. C., Probability and Ergodic Theory, Department of Mathematics (L. Sucheston), 1 July 1981 through 30 June 1982. (Project 762313 - Continuation)

\$15,843.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Research in Persuasive Communication, Department of Psychology (A. G. Greenwald), 1 December 1980 through 30 November 1981. (Project 761467 - Continuation)

\$14,599.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Engineering Calculations for Satellite Systems Planning, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis), 20 January 1981 through 19 May 1981. (Project 762552 - New)

\$14,541.00 - Environmental Protection Agency, Cincinnati, Ohio, Improved Assumptions About Liquid Flow Through Wastes, Department of Civil Engineering (C. A. Moore), 27 June 1980 through 27 May 1981. (Project 762234 - Continuation)

March 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$13,930.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Behavioral Competence, Self-Efficacy, and Women's Career, Department of Psychology (N. E. Betz) and Academic Faculty of Special Services (G. Hackett), 1 January 1981 through 31 December 1981. (Project 762517 - New)

\$5,531.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Postoperative Recovery Mechanisms and Retention, Department of Psychology (D. R. Meyer and P. M. Meyer), 1 January 1980 through 30 June 1981. (Project 761470 - Continuation)

\$5,000.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Feasibility Study of Vehicle Tracking System, Department of Electrical Engineering, ElectroScience Laboratory (D. E. Svoboda and M. A. Poirier), 6 January 1981 through 28 February 1981. (Project 762173 - Continuation)

\$4,677.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Sugar Nucleotides and Analogs, Department of Biochemistry (E. J. Behrman), 1 April 1981 through 31 January 1982. (Project 760152 - Continuation)

\$2,876.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Truck Tractor Pneumatic Simulator Development, Department of Mechanical Engineering (D. A. Guenther), 1 January 1980 through 31 December 1980. (Project 761992 - Continuation)

\$2,313.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D. C., Representation of Hispanic Students in Special Education and Gifted Programs in Five States: A Descriptive Study, Academic Faculty of Educational Administration (W. F. Staub), 1 January 1981 through 31 December 1981. (Project 762543 - New)

**TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS**

**\$8,324,780.00**

**State of Ohio Research Contracts/Grants**

\$85,000.00 - State of Ohio, Department of Energy, Columbus, Ohio, Conservation Techniques Exchange - Educational Energy Project, Cooperative Extension Service - State Operations (P. R. Thomas), 9 January 1981 through 31 December 1981. (Project 762540 - New)

March 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**State of Ohio Research Contracts/Grants (contd)**

\$49,913.00 - State of Ohio, Department of Economic and Community Development Weatherization Policy Advisory Committee, Columbus, Ohio, A Proposal to Evaluate the Federal Weatherization Program in the State of Ohio, Program for Energy Research, Education, and Public Service, Graduate School - Administration (W. B. Moreland), 23 December 1980 through 15 April 1981. (Project 762566 - New)

\$5,700.00 - Ohio Arts Council, Columbus, Ohio, Support for the Great Artist Series at Mershon Auditorium, Mershon Auditorium (T. M. VanLeer), 1 July 1980 through 6 May 1981. (Project 762557 - New)

\$4,250.00 - Ohio Arts Council, Columbus, Ohio, Support for the Great Artist Series at Mershon Auditorium, Mershon Auditorium (T. M. VanLeer), 1 July 1980 through 30 May 1981. (Project 762556 - New)

\$1,170.00 - Ohio Arts Council, Columbus, Ohio, Department of Dance 1980-81 Celebration Series, Department of Dance (H. P. Alkire), 1 July 1980 through 25 April 1981. (Project 762560 - New)

\$1,000.00 - Ohio Arts Council, Columbus, Ohio, Department of Dance 1980-81 Celebration Series, Department of Dance (H. P. Alkire), 1 July 1980 through 6 June 1981. (Project 762559 - New)

\$500.00 - Ohio Arts Council, Columbus, Ohio, Artist Series, 1980-81, Mansfield Campus (R. L. Wink), 1 July 1980 through 1 June 1981. (Project 762555 - New)

**TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS**                      \$ 147,533.00

**Industrial, Private, and Other Non-Federal Research Contracts/Grants**

\$335,318.00 - Electric Power Research Institute, Palo Alto, California, Corrosion and Corrosion Cracking for Water Cooled Reactors, Department of Metallurgical Engineering (D. D. Macdonald), 1 January 1981 through 31 December 1981. (Project 760982 - Continuation)

\$200,000.00 - The John A. Hartford Foundation, Inc., New York, New York, A Cost-Containment Incentive Program--A Teaching Hospital Cost-Containment and Research Funding Program, Department of Medicine (C. M. Kunin), 1 February 1981 through 31 January 1983. (Project 762539 - New)

\$103,753.00 - Franklin County Mental Retardation Board, Columbus, Ohio, Pre-school and Early Training Program, The Nisonger Center for Mental Retardation (M. J. Guralnick), 1 September 1980 through 31 August 1981. (Project 762381 - Continuation)



March 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$89,562.00 - Westinghouse Electric Corporation, Buffalo, New York, The Potential of Japan's KANBAN System in Different Manufacturing Settings: Computer Simulation and Behavioral Assessments, Academic Faculty of Management Science (L. J. Krajewski and L. P. Ritzman), 1 October 1980 through 30 September 1981. (Project 762537 - New)

\$85,069.00 - Franklin County Mental Retardation Board, Columbus, Ohio, School Age Program, The Nisonger Center for Mental Retardation (D. C. Cavin), 1 September 1980 through 31 August 1981. (Project 762382 - Continuation)

\$70,861.00 - Electric Power Research Institute, Palo Alto, California, The Effects of BWR Deaeration on the General and Localized Corrosion of Plain Carbon and Low Alloy Steel, Department of Metallurgical Engineering (D. D. Macdonald, S. Smialowska, and S. Pednekar), 1 January 1981 through 31 December 1981. (Project 761870 - Continuation)

\$70,335.00 - Purdue University, West Lafayette, Indiana, Observing Changes in Consolidated Balance Sheets for U. S. Households During Accelerating Inflation, Department of Economics and Academic Faculty of Finance (E. J. Kane), 23 September 1980 through 22 December 1981. (Project 762521 - New)

\$64,000.00 - National Training Fund of the Sheet Metal and Air Conditioning Industry, Washington, D. C., National Training Fund University Center Continuation, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1980 through 30 June 1981. (Project 762130 - Continuation)

\$45,000.00 - Transamerica Delaval, Inc., Trenton, New Jersey, Electrochemical Reactivity and Stress Corrosion Cracking of Turbine Disc Alloys, Department of Metallurgical Engineering (D. D. Macdonald), 1 January 1981 through 30 September 1981. (Project 761965 - Continuation)

\$27,068.00 - Electric Power Research Institute, Palo Alto, California, An Advanced Prototype System for Locating and Mapping Underground Obstacles, Department of Electrical Engineering, ElectroScience Laboratory (R. Caldecott), 1 January 1981 through 30 June 1981. (Project 760604 - Continuation)

\$25,986.00 - Florida International University, School of Education, Division of Vocational Education, Miami, Florida, Consortium for the Development of Professional Materials for Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1980 through 31 August 1981. (Project 762384 - Continuation)

March 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$25,832.00 - National Training Fund of the Sheet Metal and Air Conditioning Industry, Washington, D. C., National Training Fund University Center Continuation, National Center for Research in Vocational Education (R. E. Taylor), 1 January 1981 through 30 September 1981. (Project 762130 - Continuation)

\$25,000.00 - Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination: The Effect of Age, Institute for Research in Vision (O. M. Blackwell and H. R. Blackwell), 1 July 1980 through 30 June 1981. (Project 760716 - Continuation)

\$20,000.00 - Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination, Institute for Research in Vision (S. W. Smith), 1 October 1980 through 30 September 1981. (Project 760717 - Continuation)

\$20,000.00 - World Health Organization, Special Programs for Research and Training in Tropical Diseases, Geneva, Switzerland, Detection, Isolation and Ecology of Biological Control Agents and Maintenance of an Information System in this Field, Department of Entomology (J. D. Briggs), 1 January 1981 through 31 December 1981. (Project 760988 - Continuation)

\$19,254.00 - Muscular Dystrophy Association, New York, New York, Correlation of Axoplasmic Transport and Morphologic Changes in the Nerve in Relation to Distal Axonopathies, Department of Medicine (Z. Sahenk and J. R. Mendell), 1 January 1981 through 31 December 1981. (Project 761973 - Continuation)

\$19,000.00 - Ohio Coal Research Laboratories Association, Columbus, Ohio, Newsletter for the Ohio Coal Research Laboratories Association, Inc., Program for Energy Research, Education and Public Service, Graduate School - Administration (R. E. Bailey), 1 November 1980 through 30 September 1981. (Project 762554 - New)

\$12,500.00 - Children's Crusade and Malabar Farm Fund Association, Cuyahoga Falls, Ohio, Bromfield's Malabar, Department of Photography and Cinema (J. R. Green), 1 February 1980 through 30 June 1981. (Project 762535 - New)

\$12,307.00 - San Diego State University Foundation, San Diego, California, Estimate the Quantity and Quality of Organic Carbon and the Potential Carbon Dioxide in Cold Soils of Northern Alaska, Institute of Polar Studies and Department of Agronomy (K. R. Everett), 1 May 1980 through 30 April 1981. (Project 762518 - Continuation)

March 6, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$11,000.00 - Astra Lakemedel AB, Sodertalje, Sweden, Dosage Form Design and Development, College of Pharmacy (S. G. Frank), 1 January 1981 through 31 December 1981. (Project 762165 - Continuation)

\$10,000.00 - The Deafness Research Foundation, New York, New York, Evaluation of Vestibular and Optokinetic Function During Active Head Movements, Department of Otolaryngology (C. W. Stockwell), 1 January 1981 through 31 December 1981. (Project 762541 - New)

\$10,000.00 - The Deafness Research Foundation, New York, New York, Hemophilus Influenzae Otitis Media: An Animal Model, Department of Otolaryngology (T. F. DeMaria and D. J. Lim), 1 January 1981 through 31 December 1981. (Project 762545 - New)

\$9,263.00 - Anchorage School District, Anchorage, Alaska, Alliance for Career and Vocational Education (Membership), National Center for Research in Vocational Education (R. E. Taylor), 1 January 1981 through 30 April 1981. (Project 762081 - Continuation)

\$7,740.00 - Monsanto Fund, St. Louis, Missouri, Evaluation of Chironomus Riparius (=thummi) for Study of Toxicity, Site of Action, and Metabolic Conversion of Selected Organophosphate Insecticides, Department of Entomology (W. J. Collins), 1 January 1981 through 31 December 1981. (Project 761974 - Continuation)

\$7,037.00 - The Supreme Council 33, A A Scottish Rite, Lexington, Massachusetts, Hemispheric Functioning in Paranoid and Non-Paranoid Schizophrenics, Department of Psychology (P. A. Magaro), 1 October 1980 through 30 June 1981. (Project 762549 - New)

\$5,602.00 - Granville Exempted Village School District, Granville, Ohio, Community Attitude and Educational Facility Needs for the Granville Exempted Village School District, Granville, Ohio, Academic Faculty of Educational Administration (A. E. Wohlers), 15 November 1980 through 31 July 1981. (Project 762553 - New)

\$5,000.00 - Dermatology Foundation, Evanston, Illinois, Photoreversal of Sunlight-Induced DNA Damage *In Vivo*, Departments of Radiology and Pharmacology (S. M. D'Ambrosio), 1 January 1981 through 31 December 1981. (Project 762532 - New)

\$4,000.00 - University of Tennessee, Knoxville, Tennessee, To Study Flaw Characterization by Ultrasonic Spectral Analysis, Department of Welding Engineering (L. Adler), 1 October 1980 through 30 November 1980. (Project 762536 - New)

March 6, 1981 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$3,500.00 - World Health Organization, Special Program for Research and Training in Tropical Diseases, Geneva, Switzerland, *Plasmodium berghei*: Isolation and Fractionation of Parasites and Parasite Components, Department of Microbiology (J. P. Kreier), 1 January 1981 through 31 December 1981. (Project 761489 - Continuation)

\$2,000.00 - Mississippi Gulf Coast Junior College, Perkinston, Mississippi, and Guilford Technical Institute, Jamestown, North Carolina, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1980 through 30 June 1981. (Project 761599 - Continuation)

\$1,500.00 - American Philosophical Society, Philadelphia, Pennsylvania, Wolf Spider Sociobiology: Reproductive Success of Males Differing in Dominance Rank, Department of Zoology (W. P. Aspey), 1 January 1981 through 31 December 1981. (Project 762548 - New)

\$1,000.00 - Cessna Aircraft Company, Pawnee Division, Wichita, Kansas, General Aviation/Airfoil Design and Analysis Service - Airfoil Modification Study, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 15 January 1981 through 31 March 1981. (Project 762547 - New)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS	\$1,348,487.00
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#### ENGINEERING EXPERIMENT STATION

#### Industrial and Other Sponsored Research and Development

\$39,861.00 - various sponsors for 20 development projects operated by five engineering departments and research areas.

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

#### Gifts of \$5,000 or More

\$14,000.00 - Armour Pharmaceutical Company, Kankakee, Illinois, for Biochemical Research Fund.

\$12,230.00 - SISA Incorporated, Cambridge, Massachusetts, for Clinical Pharmacology Fund.

\$12,000.00 - Glass Packaging Institute, Washington, D. C., for Engineering Mechanics Chairman's Discretionary Fund.

March 6, 1981 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Gifts of \$5,000 or More (contd)

\$10,000.00 - Eli Lilly and Company, Indianapolis, Indiana, for Infectious Disease Research Fund.

\$9,500.00 - Cardiac Pacemakers, Inc., St. Paul, Minnesota, for Pacemaker Development Fund.

\$9,000.00 - Central Ohio Center for Economic Education, Columbus, Ohio, for Center for Economic Education.

\$6,000.00 - Eaton Corporation, Eastlake, Ohio, for Gear Dynamics and Gear Noise Research Laboratory Fund.

\$5,282.57 - Trust Under the Will of Carl M. Baldwin, Columbus, Ohio, for Carl M. and Grace C. Baldwin Eye Care Fund.

\$5,000.00 - Merck & Company, Inc., Rahway, New Jersey, for M. S. Newman Professorship of Chemistry.

#### Establishment of Named Funds

##### The Milton Caniff Research Room Fund

The Milton Caniff Research Room Fund was established March 6, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the family and friends of Milton A. Caniff, B.A. '30, Doctor of Humane Letters, 1974, of Palm Springs, California.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is ultimately to be used to staff and operate the Caniff Research Room, as well as to acquire, preserve and organize multi-media collections representative of the mass media in twentieth century America. This unique library facility is to be used for research and teaching in journalism, art, history, business, cinema and other disciplines. Income is to be added to principal until the fund has a balance of \$500,000. Requisitions for the use of the funds will be approved by the Director of University Libraries and the Vice President for Educational Services.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for its libraries.

March 6, 1981 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **College of Veterinary Medicine Alumni Scholarship Fund**

The College of Veterinary Medicine Alumni Scholarship Fund was established March 6, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the alumni and friends of the College of Veterinary Medicine.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for veterinary students or fellowships to the graduate students who have demonstrated academic ability and the need for financial assistance. The selection of the recipient is to be made by the scholarship committee and approved by the Dean of the College of Veterinary Medicine.

Should the need for these scholarships and fellowships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for veterinary medical education.

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## **PLANS AND SPECIFICATIONS**

Resolution No. 81-92

*Synopsis: Plans and specifications are being proposed for the following project.*

WHEREAS at the request of the Vice President for Business and Administration, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following project:

### **SPHINX PLAZA**

Project:	The 75th Anniversary of the Sphinx Senior Honorary Society will be in 1982. In connection with this, members of the Sphinx have elected to commemorate this significant event by providing funds for the construction of a landscape project to be known as Sphinx Plaza.
Funding:	Sphinx 75th Anniversary Gift Fund
Estimated Project Cost:	\$130,000.00

March 6, 1981 meeting, Board of Trustees

### **PLANS AND SPECIFICATIONS (contd)**

#### **NOW THEREFORE**

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the project listed above be approved and that the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for this project and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Hilliker, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### **OVERNIGHT LODGING FACILITY TO SERVE THE HEALTH SCIENCES CENTER**

Resolution No. 81-93

*Synopsis: Authorization to study the feasibility of the private development and management of an overnight lodging facility is requested.*

WHEREAS the revised master plan for the health sciences center, prepared by a health center planning consultant, recommends that the University develop facilities to serve the overnight lodging needs of the health sciences center; and

WHEREAS many of the faculty in the health center have pointed out the need for overnight lodging facilities convenient to University Hospitals; and

WHEREAS the Facilities Committee of the University Hospitals Board has considered presentations by the administrative staff concerning the need for such services convenient to the health center; and

WHEREAS the University Hospitals Board endorses the development of convenient overnight lodging to serve the needs of the health sciences center; and

WHEREAS the University Hospitals Board requests the approval of the University Board of Trustees to permit the University administration, in consultation with the Hospitals Board, to study the feasibility of the private development and management of overnight facilities on a designated site:

#### **NOW THEREFORE**

BE IT RESOLVED, That the recommendation of the University Hospitals Board, as approved on February 18, 1981, requesting that the University study the feasibility of the private development and management of an overnight lodging facility is hereby accepted by this Board; and

March 6, 1981 meeting, Board of Trustees

**OVERNIGHT LODGING FACILITY TO SERVE  
THE HEALTH SCIENCES CENTER (contd)**

BE IT FURTHER RESOLVED, That the University administration, in consultation with the Hospitals Board, proceed to conduct the feasibility study requested by the Hospitals Board; and

BE IT FURTHER RESOLVED, That upon completion of this study and consultation process, the final recommendations are to be presented to this Board for approval.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO**

Resolution No. 81-94

RESOLVED, That the report on the University's Investment Portfolio, dated February 20, 1981, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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**DEVELOPMENT OF 1981-82 CURRENT FUNDS BUDGET  
STATUS REPORT BY PRESIDENT ENARSON**

In recent years, the March meeting of the Board of Trustees has marked a very significant phase in the development of the University's budget for the upcoming fiscal year which begins on July 1. Each year in March, the Administration has described the planning targets for faculty and staff salaries and other expenditure categories that are to be used in developing the budget which is traditionally presented to the Board at its June meeting.

The presentation of an overall budget strategy in March is customarily followed immediately by the issuance of salary guidelines and other budgetary allocations to the Vice Presidents and Deans so that College and Administrative Office budgets can be prepared and reviewed by the Central Administration prior to the June Board meeting.

For 1981-82, however, the uncertain and austere fiscal condition of the State of Ohio and The Ohio State University is such that the usual budget development schedule must be postponed.

As you are all aware, reductions in State funding totaling \$12.6 million have occurred in three successive reductions totaling 7 per cent for the current year, with the final phase announced on December 23, 1980. Although the impact of these reductions in State funding is being felt throughout the University, the University's retrenchment process was carried out in such a way that the temporary



**DEVELOPMENT OF 1981-82 CURRENT FUNDS BUDGET  
STATUS REPORT BY PRESIDENT ENARSON (contd)**

actions--and I must stress that temporary cuts were mandated because they were made in midyear--protected academic course offerings, maintained existing levels of student aid and student employment, achieved a major reduction in staffing levels without resorting to layoff procedures, and relied on student fee increases to offset only 24 per cent of the shortfall in State support. The effect of our budget retrenchment on services, however, continues to grow as the University's hiring freeze results in increasing numbers of unfilled positions and as retrenching operating budgets mean that fewer supplies and equipment are available to meet the University's program needs.

Although we do not know the severity of the cuts in real income that we will face in the upcoming biennium, it is clear that the University's funding difficulties will not be ended with the close of this fiscal year but will be carried forward into the upcoming biennium.

The Executive Budget for 1981-83 presented by the Governor to the General Assembly on February 4 fell two-tenths of a per cent short of restoring to OSU the funding level of the 1980-81 original appropriation. Within days after this Budget was announced, the State Office of Budget and Management revised the revenue projections for the upcoming biennium downward and has recommended that the original Executive Budget be cut by 2.6 per cent in 1981-82 and by 3.2 per cent in 1982-83. Discussions concerning State revenue projections are continuing in the General Assembly, and at this point no agreement has been reached on those levels upon which the 1981-83 biennial budget will be based.

Because of the uncertainty surrounding State levels of support for the University, and the extraordinary difficulties which current proposals would impose, we believe that the development of the University's 1981-82 budget should be deferred until we have more information which can come only from the legislative process. Clearly, this is not a year for doing business as usual in our fiscal planning.

Even in our most optimistic moments, we know that difficult choices will be made for 1981-82 among the three interrelated components of the University's budget: salary levels, student fees, and program funding. The establishment of choices among these components for 1981-82 will be of such significance that the University requires the best thinking of its faculty, administrative, and student leadership to arrive at a prudent course of action. Further, it is essential that we share with representatives of the students and faculty the implications of funding levels below present spending levels, let alone needs. We intend, therefore, to take advantage of the delayed budget process by setting in motion a process of consultation with representatives of those most concerned with our budget prospects.

Our plan is to establish an ad hoc Budget Advisory Council, comprised of representatives of various constituencies within the University, to advise the Administration as it develops its budget strategy for the coming year. This ad hoc Council will examine the fiscal status of the University, and will review the potential trade-offs that must be made among funding and revenue decisions.

**DEVELOPMENT OF 1981-82 CURRENT FUNDS BUDGET  
STATUS REPORT BY PRESIDENT ENARSON (contd)**

This Council will provide guidance to the University Administration on the principles and criteria to be employed in adjusting to fiscal austerity and will advise the President on appropriate strategies for taking appropriate retrenchment activities when such are necessary. Existing University processes for review and budgetary decisions will then be set in motion with the advice of the Council.

This ad hoc Council will be a supplement to, not a substitute for, the customary line responsibilities of the University Administration. It continues to be the Administration's responsibility to submit its final recommendations, based on its best judgment, to the Board of Trustees. It is, of course, the Board which must ultimately decide tuition policy, compensation policy, and major changes in program support.

The ad hoc Budget Advisory Council will be composed of the following representatives:

- \* Six members of the faculty selected by the faculty members of the University Senate Steering Committee in consultation with the Faculty Council.
- \* Three deans of colleges to be selected in a manner determined by the Provost.
- \* A student selected by each of the following student organizations: Undergraduate Student Government, Graduate Student Organization, Council of Graduate Professional Students.

The Provost and the Vice President for Finance and Planning will serve as non-voting ex-officio members. The various Vice Presidents and other officers of the University will meet with the Council from time to time as appropriate.

Non-voting co-chairmen of the Council will consist of the Vice President for Finance and Planning and a senior faculty member to be chosen by the President.

It is impossible to achieve a distribution of representation among the various constituencies that adequately parallels the impact of all decisions on the various constituencies. There are in the University community both shared interests and conflicting interests. We are optimistic that there will be greater agreement on the key issues than is generally thought. Certainly we will work toward agreement wherever possible. However, because consensus is not always possible when controversial issues are addressed, there will be no attempt to force compromise when to do so might blur honest differences of opinion. In those instances where no agreement is reached among the various constituencies on an issue, the Council will forward the separate recommendations of the constituent groups represented by the Council to the Administration.

March 6, 1981 meeting, Board of Trustees

**DEVELOPMENT OF 1981-82 CURRENT FUNDS BUDGET  
STATUS REPORT BY PRESIDENT ENARSON (contd)**

As the work of the Council progresses, it is expected that from time to time the Council will issue interim public reports. Although no final reporting date for the Council is established at this time, its work must be completed prior to the time that the 1981-82 budget is presented for adoption by the University Board of Trustees.

At the same time that discussions of the ad hoc Council are taking place at the Columbus Campus, the Vice President for Regional Campuses will undertake similar consultation with the constituent groups at those campuses.

In developing this plan, the advice and counsel of the University Senate Steering Committee has been extremely valuable. We realize that the time available is brief and the issues are complex. We deal with the unpleasant prospect of deciding how to share hardship. We cannot expect grand solutions, but we think that this enlarged consultation can be of significant value.

Mr. Hilliker:

Just one question, Mr. President, I think you hit it in your next-to-the-last sentence when you were talking about the prospect of deciding how to share hardship. I can see where an ad hoc Budget Advisory Council such as this will be advantageous as we plod through this process and I can see where you said its work must be completed prior to the time that the budget is presented for adoption by us. Is it also, then, safe to assume that that committee, however, would also terminate at that time, or are you envisioning this as an ongoing process year after year after year?

President Enarson:

No, it would be improper for me to make any such commitment. This is strictly a proposal for addressing the problem we have now. It is either this or something like this or it is the usual and customary way in which we address problems. I would assert that in the long haul there may or may not be need for new machinery, but if there were to be new machinery of a permanent sort, that would require a great deal of careful thought and I should think possibly action by the Board of Trustees.

Mr. Hilliker:

Can we anticipate, then, a report prior to the time we do have it for final approval because it would be helpful.

Mr. Devenow:

I think Mr. Hilliker makes a good point. I think, incorporated in your report should be that the life of the committee is at the end of the--

March 6, 1981 meeting, Board of Trustees

**DEVELOPMENT OF 1981-82 CURRENT FUNDS BUDGET  
STATUS REPORT BY PRESIDENT ENARSON (contd)**

Mr. Hilliker: This one budget crisis.

Mr. Galbreath: When the budget's adopted.

Mr. Devenow:

Has this report been discussed with the Finance Affairs Committee prior to this meeting?

President Enarson: It has not.

Mr. Devenow: Why wasn't it reported; why wasn't it discussed?

President Enarson:

I think, very simply, because we have been addressing any number of problems--we're dealing with a highly fluid situation--I think we have just begun to realize, as I am not sure others have, the degree of severity implied in the Governor's Executive Budget proposal. I think that is dramatized and sharpened and underlined, if you will, by the notification just a few days ago, that there are additional cuts being made. Now, I hadn't gotten into this because in one sense it is extraneous and in another sense, it is not. Just as we are being hit hard with respect to the State budget, we are struggling to try to assess the impact of Federal cuts. I wish I were prepared to tell this Board or tell the public or tell the students and faculty the full impact of proposals for massive cuts in student aid, for cuts in the National Institutes of Health and in the other agencies, for cuts in a whole host of programs which supply funds to the University. Bill--

Dr. Vandament:

In developing the process, I think, as you see in the President's report, we have regarded this mechanism as a mechanism of consultation and advice to the administration which then presents the budget to the Board in the customary manner, and because this did not change the reporting relationship of the administration to the Board of Trustees, we thought that this was an administrative action that could be taken by informing the Board rather than by seeking approval.

Mr. Hilliker:

My concern is that I always look skeptically at creating other long-time levels of bureaucracy.

Mr. Devenow:

I can understand your position, Bill, and I am merely pointing out that you are setting a precedent here. I feel very strongly--despite the fact that there is no committee that the Board is authorizing here--that that precedent should have been discussed with the Fiscal Affairs Committee so they could present it properly to the Board, not as something we have to vote on but as a precedent. Any other comments?

March 6, 1981 meeting, Board of Trustees

## **DEVELOPMENT OF 1981-82 CURRENT FUNDS BUDGET STATUS REPORT BY PRESIDENT ENARSON (contd)**

President Enarson:

I suppose from time to time as President, I have made use of any number of ad hoc advisory groups. I grant you this is a very important group, and if we could command more attention of the time of the Board than we do, we always welcome further participation.

Mr. Havens:

Is there any particular reason why the Provost appoints the three deans when, on the other hand, the six faculty members are selected by the Steering Committee?

Provost Reynolds:

I'll respond to that, Mr. Havens. I have great faith in my deans, and I had planned to convene them and talk with them about this and develop some sort of process with them that they all agreed to, to result in their selection that would be mutually satisfactory.

Mr. Havens: I accept that.

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## **APPOINTMENT OF NOMINATING COMMITTEE**

Mr. Devenow announced the appointment of the following persons to the Nominating Committee:

Daniel M. Galbreath, Chairman  
John F. Havens  
Edmund C. Redman

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## **ENERGY MANAGEMENT-OSU**

Mr. Jackson:

First of all, let me say that I appreciate the opportunity and certainly understand why we're where we are; let's put it that way. One of the things I found when I came to the University just over a year ago was a very fine energy conservation program, which under the President's leadership and Tom Smith and his folks have done such a super job. We had originally thought we might try to take everybody over to the energy conservation computer and kind of show you how it all works. I had some thoughts about that because we bring before you, all the time, little pieces of this energy conservation program and really have been unable

March 6, 1981 meeting, Board of Trustees

**ENERGY MANAGEMENT--OSU (contd)**

Mr. Jackson: (contd)

to show you how they all fit together. So we decided since the little trip was impractical because of space and time, that we would put together a TV tape so that we could use it not only to present to you but as a training tool for alumni groups and the like, a little show which I think is really very good. I think it leads us from where we've been to maybe some of the things that ought to be considered here in the very near future. There are some important details, and so we would hope that the picture is good and that the sound is good so that you can hear them, and I think you'll find it very interesting. Let's see if everything works now.

(The film followed)

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Thereupon the Board adjourned to meet Friday, April 3, 1981, at Morrill Hall on The Ohio State University Marion Campus, Marion, Ohio, at 10:30 a.m.

Attest:

Madison H. Scott  
Secretary

Chester Devenow  
Chairman

APPENDIX III

Degrees Conferred at

THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

March 20, 1981

## Honorary Degree Recipients

### Norman E. Borlaug

Distinguished agricultural scientist and humanitarian, recipient of the Nobel Peace Prize, Norman E. Borlaug has been aptly described as a "peaceful revolutionary." His pioneering work in perfecting strains of wheat suited to the growing conditions in developing countries created a "green revolution" and lifted the burden of hunger from millions around the world. Product of a land-grant university, exemplar of the land-grant ideal, he has dedicated his life to giving others the knowledge to change their lives for the better. As scientist and spokesman, he continues his efforts to ease the problems of world hunger today and avert the crises of tomorrow. The Ohio State University is honored to pay tribute to Norman E. Borlaug for his singular contributions to a future of promise for all people.

### Edgar F. Shannon Jr.

Internationally recognized scholar, distinguished academic statesman, Edgar F. Shannon Jr. exemplifies the highest traditions of the scholarly life. From his heritage as a Virginian, he drew a sense of excellence that became the hallmark of his career as Rhodes scholar, professor of English, and university president. During 15 years as president of the University of Virginia, he built upon its honored past, opened its doors to the future, and led it to new acclaim. His leadership in the national affairs of higher education and his service as president of Phi Beta Kappa attest to the high regard in which he is held by his peers. The Ohio State University is privileged to honor him for his eminent career and lasting contributions as teacher, scholar, and leader of the academy.

## Distinguished Service Award Recipients

### John Deaver Drinko

Honor graduate of the College of Law, dedicated leader in its behalf, John Deaver Drinko has served this University with unusual distinction. Setting as his goal the enrichment of legal education through private support, he provided the dynamic force that led to the establishment of two endowed professorships and a major scholarship fund. In many other ways, he has involved himself in distinguished service to his alma mater. His untiring efforts and his generous sharing of personal resources reflect his unique commitment to excellence in all that The Ohio State University undertakes.

### Arnold E. Ross

Distinguished mathematician, inspiring teacher, Arnold E. Ross has gained international recognition for his unique efforts to discover and develop talent in young people. His summer mathematics programs for gifted high school students brought great credit to this University and became the model for programs abroad. His work with talented inner-city children reflects his deep belief that the gifts of the mind are everywhere. Under his guiding hand as chairman, the Department of Mathematics developed strength and vitality. For more than four decades, Arnold E. Ross has widened the horizons of students and colleagues and fulfilled the highest promise of the teacher's art.



# The Graduate School

Dean: Jules B. LaPidus

## Doctor of Philosophy

Valija Miske Axelrod, Worthington; B.A. (Miami University); M.S. (Wayne State University); *Education*; *Dr. Desmond L. Cook*

Douglas Peter Beal, Shaker Heights; B.S.; M.Ed. (Bowling Green State University); *Physical Education*; *Dr. Edward L. Fox*

Hashmy Mohamed Bel-Haj, Tripoli, Libya; B.S. (University of Libya); M.S. (Colorado State University); *Horticulture*; *Dr. Wilbur A. Gould*

Mary Frances H. Nemmers Beno, Kaukauna, Wis.; B.S. (Marquette University); M.S.; *Chemistry*; *Dr. Richard F. Firestone*

Robert Mark Boysel, Columbus; B.A., M.S.; *Physics*; *Dr. James C. Garland*

Jau-Huey Chen, Kaohsiung, Taiwan; B.S. (National Taiwan University); M.A.; *Economics*; *Dr. Thomas A. Wolf*

Wichai Cheavapratadumrong, Bangkok, Thailand; B.Eng. (Chulalongkorn University); M.S. (University of Washington); *Civil Engineering*; *Dr. Kamran Majidzadah*

Ho Jin Choi, AnnDong, Korea; B.S. Eng. (Seoul National University); M.S.; *Metallurgical Engineering*; *Dr. Franklin H. Beck*

Wen-Shiung Chow, Taipei, Taiwan; B.S. (National Taiwan University); *Biochemistry*; *Dr. Garfield P. Royer*

Harvey W. Clark, Jr., Mansfield; B.S., *Physics*; *Dr. Timothy R. Donoghue*

Daniel Raymond Coleman, Columbus; B.S., M.S. (Florida Atlantic University); *Biochemistry*; *Dr. Garfield P. Royer*

Danny Lee Crippen, Madison, S. D.; B.S. (University of South Dakota); M.P.A.; *Public Administration*; *Dr. Clinton V. Oster, Sr.*

Ray Junior Davis, Bridgeport, Conn.; B.S. (University of Maryland); M.A.; *Education*; *Dr. James J. Buffer, Jr.*

Sandra Petersen Davis, Waymouth, Mass.; B.S. (Colorado State University); *Political Science*; *Dr. Herbert F. Weisberg*

Mary Carolann Schnurr DeSelms, Loveland, Colo.; B.A. (Colorado State University); M.A.T. (Michigan State University); *Education*; *Dr. Edward D. Allen*

Lewis Eugene Dodley, Columbus; B.S., M.A.; *Education*; *Dr. Anthony C. Riccio*

Michael Glenn Drown, Clyde; B.A., M.A.; *Sociology*; *Dr. Timothy Curry and Dr. W. Bruce Walsh*

Gerry Martin Elikofer, Westlake; B.A. (Bowling Green State University); M.S. (University of Bridgeport); *Education*; *Dr. Joseph J. Quaranta*

Dennis Ilouzlike Eneanya, NRI, Anambra, Nigeria; B.S. (Denison University); *Pharmacology*; *Dr. Joseph R. Bianchine*

David Engler, Columbus; A.B. (Case Western Reserve); M.S.; *Interdisciplinary: Preventive Medicine, Economics and Education*; *Dr. Thomas N. Chirikos*

Marcia Bloch Epstein, Columbus; A.B. (Brandeis University); M.A. (Western Reserve University); *Education*; *Dr. Jack R. Frymier*

Michael Paul Farinelli, Arnold, Pa.; B.S. (Pennsylvania State University); *Physiological Chemistry*; *Dr. Keith E. Richardson*

Luiz Carlos Felicio, Sao Carlos, Sao Paulo, Brazil; Mech. Eng., Mech. Eng. (Universidade de Sao Paulo); *Mechanical Engineering*; *Dr. Ernest O. Doebelin*

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- Jack R. Vainer, Mexico City, D. F.; B.A. (Universidad Anahuac); *Business Administration*
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## Master of City and Regional Planning

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Joan Fliegel Glassford, Columbus; B.S. Interior Design (Ohio University); *City and Regional Planning*

## Master of Fine Arts

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## Master of Health Administration

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Jack Mark Bryan, Morgantown, W. Va.; B.S. (West Virginia State College); *Allied Medical Professions*

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Gerhard Kuhner, Muskegon, Mich.; B.S. (Western Michigan University); *Labor and Human Resources*  
Robert Diehm Newcombe, Bradford, Pa.; B.A. (University of Pittsburgh); *Labor and Human Resources*

## Master of Music

Robert William Saari, Painesville; B.Mus. (University of Miami); *Music*

## Master of Public Administration

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Blake William Sherry, Wintersville; B.A. (Kent State University); *Public Administration*  
Melissa J. Stanford, Columbus; B.A.; *Public Administration*

## Master of Science

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Osama Ahmed Abdulshafi, Cairo, Egypt; B.Sc. (Cairo University); *Civil Engineering*  
Carol S. Adams, Columbus; *Home Economics*

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Simine Bahhage, Iran; B.Sc. (University of Jordan); *Computer and Information Science*

Robert Charles Bartman, Columbus; B.S.; *Geology and Mineralogy*

Anna Lee Bendig, Mt. Vernon; B.A.; *Ceramic Engineering*

Rahim Farahnak Benekohal, Tabriz, Iran; B.S. (University of Rezaieh); *Civil Engineering*

Daniel J. Birmingham, Shadyside; B.S.; *Microbiology*

Myra R. Block, Pittsburgh, Pa.; B.S. (Pennsylvania State University); *Home Economics*

Elizabeth Anne Boyne, Columbus; B.S.; *Horticulture*

Richard Grant Broadhead, Christchurch, New Zealand; B.E. (Lincoln College); *Agricultural Engineering*

Christine Patricia Brown, Palo Alto, Calif.; B.S. (University of California at Davis); *Chemical Engineering*

Kathryn Marie Brown, Chillicothe; B.S.; *Microbiology*

Gary A. Chambers, Columbus; B.A. (Heidelberg College); *Preventive Medicine*

Chein-chi Chang, Taiwan, R.O.C.; B.E. (Tamkang University); *Civil Engineering*

Ian Yiing-Shyang Chiou, Tainan, Taiwan, R.O.C.; B.S.E.E. (National Taiwan University); *Computer and Information Science*

Taemin Choi, Taegu, Korea; B.Eng. (Kyungpook National University); *Mechanical Engineering*

Chaiwat Damrongmongkolgul, Uttaradit, Thailand; B.Sc. (Chulalongkorn University); *Industrial and Systems Engineering*

Joseph Gerard D'Mello, Bangalore, India; B.Sc., M.Sc. (Bangalore University); *Mathematics*

Stephen Harry Doerr, Lancaster, Pa.; B.S. (Lehigh University); *Metallurgical Engineering*

Teresa M. Dole, Columbus; B.S.; *Preventive Medicine*

James Aylmer Doucett, Olean, N. Y.; A.B. (Kenyon College); *Zoology*

Robert Allen Dubbert, Bellevue; B.A. (Luther College); *Chemistry*

Valentine Anayo Duruibe, Ihioma, Nigeria; B.S. (Wilberforce University); *Pharmacology*

Anne Marie Edwards, Painesville; B.A.Chem. (Otterbein College); *Chemical Engineering*

Daniel Lee Edwards, Columbus; *Natural Resources*

Edward Leslie England, Key West, Fla.; B.A. (Concordia College); *Electrical Engineering*

Linda Sue England, Columbus; B.S. (Oklahoma Baptist University); *Environmental Biology*

Sharon Lee-Zeigler Farrell, Galion; B.S.'d.Hlth.Prof.; *Allied Medical Professions*

Robert Paul Felder, Cleveland; B.S.; *Geology and Mineralogy*

Connie Jean Distler Fenton, Winchester; B.S.N.; *Nursing*

Vincent Ferraro, Cleveland; B.S. (Case Western Reserve University); *Civil Engineering*

Candy Jean Fogg, Andover, Mass.; B.S. (Utah State University); *Entomology*

Tresa Marie Fraser, Columbus; B.S. (Wheeling College); *Entomology*

Daniel Howard Freeman, Wooster; B.S.C.E. (University of Notre Dame); M.B.A. (Arizona State University); *Civil Engineering*

Robert A. Galemno, Jr., Moores, N. Y.; B.A. (State University of New York, College at Potsdam); *Chemistry*

James Garner, Vermilion; B.S. (Cleveland State University); *Physics*

Ralph Edward Goddard, Jr., East Liverpool; B.S.E.E.; *Electrical Engineering*

William Leonard Gorder, Powhatan Point; B.S.E.E. (Ohio University); *Electrical Engineering*

James Carlton Grams, Reynoldsburg; B.S. (University of Vermont); *Computer and Information Science*

Michael Ray Gugenheim, Denver, Colo.; B.S. (Massachusetts Institute of Technology); *Computer and Information Science*

Barbara Anne Watson Hammer, Columbus; B.A.N. (Gustavus Adolphus College); *Nursing*

Dale Dawson Hancock, Stephenville, Tex.; B.S., D.V.M. (Texas Agricultural and Mechanical College); *Veterinary Preventive Medicine*

- Bruce Alan Hartsough, Cincinnati; *Computer and Information Science*
- Richard Leo Hellmich, II, Greensburg, Ind.; B.A. (DePauw University); *Entomology*
- Ronald F. Hemmer, Columbus; B.S.; *Agricultural Economics and Rural Sociology*
- Neil Wallace Higgins, Columbus; B.S.; *Plant Pathology*
- Donald G. Hite, Jr., Mascoutah, Ill.; B.A. (Southern Illinois University); *Geodetic Science*
- Marjorie Adams Hobe, Medina; B.A. (Wittenberg University); *Plant Pathology*
- Karen Ann Hoover, Bradford; B.S. (Morehead State University); *Agricultural Education*
- Catherine Leona Hermon Hornbeck, McComb; B.S.; *Allied Medical Professions*
- Ralph E. Howard, Jr., Cincinnati; B.A. (Miami University); *Computer and Information Science*
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- Sandra Lynne Huff, Hillsboro; B.S. (Morehead State University); *Home Economics*
- Sherry Lee Hull, Brookville; B.S.N.; *Nursing*
- Renate F. Hunn, Columbus; B.A. (Manchester College); *Natural Resources*
- Steven Douglas Huseuth, Minneapolis, Minn.; B.S. (Saint Olaf College); *Computer and Information Science*
- Nan-shan Hwu, Kaohsiung, Taiwan, R.O.C.; B.S. (National Tsing Hua University); *Electrical Engineering*
- Jose Galo P. Isada, Jr., Altavias, Aklan, Philippines; B.S. Geod. Eng. (University of the Philippines); *Geodetic Science*
- Noreen Barbara Javornik, Fostoria; B.S.; *Allied Medical Professions*
- John Milton Jones, III, Nashville, Tenn.; B.S.M.E. (Tennessee State University); *Mechanical Engineering*
- Stephen Frederick Joseph, Utica; B.S.; *Agricultural Education*
- Agnes Hermanto Judoprasetyo, Malang, East Java, Indonesia; B.S. (Boston University); *Electrical Engineering*
- Robert Alan Kavula, Warrensville Heights; B.S. Math. (Marietta College); *Computer and Information Science*
- Abbas Kamyar Kayvan, Ahwaz, Iran; B.S.E.E. (Oklahoma State University); *Electrical Engineering*
- Abdul Shakoor Khan, Pakistan; B.Sc. (University of Agriculture); *Agricultural Engineering*
- Adil Hamid Khan, Karachi, Pakistan; B.E. (University of Karachi); *Metallurgical Engineering*
- Philip Wakefield Klinedinst, Bethesda, Md.; B.A. (Denison University); *Geology and Mineralogy*
- Chi-Shen Jane Kohn, China; A.B.S. (Ming Chuan College); B.S. (University of Tennessee); *Computer and Information Science*
- Perumal Krishnasamy, India; B.S. (Madurai University); M.S. (University of Madras); *Computer and Information Science*
- Lung-Yang Lai, Taiwan, R.O.C.; B.S.E. (National Cheng Kung University); *Civil Engineering*
- Chongkolnee Laohavichitra, Thailand; B.Sc. (Chulalongkorn University); *Chemical Engineering*
- Duane Kent Larick, Mentor on the Lake; B.S.; *Animal Science*
- Robin Meares Lease, Columbus; B.S. (Miami University); *Home Economics*
- Steven Ray Leinbach, Elkhart, Ind.; B.S. (Purdue University); *Chemistry*
- Susan Elliott Leister, Columbus; B.S. (Duke University); *Horticulture*
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- John Edward Lynch, III, London; B.S.C.E.; *Civil Engineering*
- Carlos Enrique Macellari, La Plata, Argentina; Licenciado en Geologia (Universidad Nacional de La Plata); *Geology and Mineralogy*
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- James Marais, Springs, South Africa; B.V.Sc., Dip. Med. Vet. (University of Pretoria); *Veterinary Anatomy*
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- Ramon Eliecer Martinez, Panama, Republic of Panama; Lic. en Ingenieria; *Civil Engineering*
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- Ronald Martin McOmber, Dayton; B.S.C.E.; *Civil Engineering*
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- Masayuki Mochida, Tokyo, Japan; B.S. (Osaka University); *Electrical Engineering*
- Juan Ignacio Montero, Cordoba, Spain; B.S. Agr. Eng. (University of Cordoba); *Agricultural Engineering*
- Edward Iregi Mutahi, Nairobi, Kenya; B.Sc. (University of Nairobi); *Agricultural Economics and Rural Sociology*
- Hagai Ohel, Columbus; B.S.; *Computer and Information Science*
- Charles John Olosky, Cleveland; B.S. Agr. E.; *Agricultural Engineering*
- Oliver Amanze Onyewuenyi, Owerri, Nigeria; B.S. (University of Missouri); *Agricultural Engineering*
- Lee Opatowsky, Woodland Hills, Calif.; A.B. Physics, A.B. Math. (University of California at Berkeley); *Physics*
- Lyndon Mingliang Pan, Taiwan, R.O.C.; B.S.E.E. (National Taiwan University); *Electrical Engineering*
- Raymond Sinchen Pan, Taiwan, R.O.C.; B.Eng. (College of Chinese Culture); *Ceramic Engineering*
- Lizette Anne Paul, Middletown; B.A. (Otterbein College); *Home Economics*
- Michael Joseph Pesch, Rochester, Minn.; B.A. (University of Minneapolis); *Agricultural Economics and Rural Sociology*
- Frank A. Pierrat, Andover, Mass.; B.A. (Boston University); *Chemistry*
- Bhola N. Pokharel, Jhapa, Nepal; B.Sc. (University of Udaipur); *Agricultural Economics and Rural Sociology*
- Ronald Lee Powell, Delaware; B.S. Agr.; *Agricultural Education*
- George S. Prabhu, Columbus; B.S. (Sambalpur University); M.B.A.; *Computer and Information Science*
- Barbara Bintrim Quintero, Columbus; B.S. (Indiana University of Pennsylvania); *Home Economics*
- William Eugene Radcliffe, Jr., Bryans Road, Md.; B.S. Ind. Engr. (New Mexico State University); *Industrial and Systems Engineering*
- George Kirby Richards, Columbus; B.A.; *Natural Resources*
- Carrole Miller Roberts, Columbus; B.S.N. (Capital University); *Nursing*
- Suzanne Marguerite Rogers, Trumansburg, N. Y.; B.S. (Cornell University); *Horticulture*
- David Edward Rooney, Findlay; B.S.E.E.; *Electrical Engineering*

Randall K. Rucker, Portsmouth; B.S.Ed. (Ohio University); *Agricultural Education*

Babak Sabi, Tehran, Iran; B.A. (Wittenberg University); *Electrical Engineering*

Sunil Satija, Kanpur, India; B.Tech. (Indian Institute of Technology); *Chemical Engineering*

Hernan Samuel Schmidt, Columbus; B.S., M.D. (Loma Linda University); *Psychiatry*  
Dale Schuit, Posen, Ill.; B.S. (Saint Louis University); *Allied Medical Professions*

Jack Fred Schwarz, Ottawa; B.S.; *Agricultural Economics and Rural Sociology*

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Patricia Pontius Seymour, Columbus; B.S.; *Nursing*

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Kambiz Shahnaizi, Tehran, Iran; B.S. (Clemson University); B.S.E.E.; *Electrical Engineering*

Abdulla Mohammed Shedayed, Riyadh, Saudi Arabia; B.S. (California State University); *Geodetic Science*

Robert Eugene Shenk, Wapakoneta; B.S., J.D.; *Agricultural Economics and Rural Sociology*

Craig William Sherban, Columbus; B.S.Ch.E.; *Chemical Engineering*

Michael James Shertzer, Portage; B.S.; *Agricultural Education*

Seth A. Silverman, Yonkers, N. Y.; B.S. Chemistry (University of Connecticut); *Metallurgical Engineering*

Kaberi Sinha, Bombay, India; B.S. (University of Bombay); M.S. (Indian Institute of Technology); *Chemistry*

Samir Salim Sleiman, Tripoli, Lebanon; B.S.C.I.S.; *Computer and Information Science*

Thomas Vinton Snider, Westerville; B.M.E.; *Computer and Information Science*

Shin-Min Song, Tamshui, Taiwan, R.O.C.; B.S. (Tatung Institute of Technology); *Mechanical Engineering*

Benjamin Dale Stokes, Wilmington; B.S.; *Agricultural Education*

Dorothyann W. Strange, Bowling Green; B.S. (Iowa State University); *Agricultural Economics and Rural Sociology*

Thirapong Subpa-asa, Bangkok, Thailand; B.Eng. (Chulalongkorn University); *Mechanical Engineering*

Gary L. Szatmari-Goodman, Massillon; B.S.; *Entomology*

Young Tao, Troy, Mich.; B.S.; *Microbiology*

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Maurice Andre Taylor, Pine Bluff, Ark.; B.S. (University of Arkansas at Pine Bluff); *Computer and Information Science*

Mario Ramos Tolentino, Quezon City, Philippines; B.S.Geod.Eng. (University of The Philippines); *Geodetic Science*

Douglas Alvin Troy, Cincinnati; B.S.Ed. (Miami University); *Computer and Information Science*

James Edward Tubero, Independence; B.S. (Kent State University); *Natural Resources*

Vichien Usanachote, Bangkok, Thailand; B.Sc. (Chulalongkorn University); *Industrial and Systems Engineering*

Timothy Andrew Van Echo, Columbus; B.S.C.E.; *Civil Engineering*

Uday Vasant Watwe, Bombay, India; B.Tech. (Indian Institute of Technology); *Industrial and Systems Engineering*

Wing-Seng Wong, Macao, Portugal; B.S. (University of Southwestern Louisiana); *Computer and Information Science*

Fu-Yu Wu, Touliou, Taiwan, R.O.C.; B.S. (National Taiwan University); *Animal Science*

Chao Wu Yang, Taipei, Taiwan, R.O.C.; B.S. (Tunghai University); *Computer and Information Science*

Cesar E. Yepex, Guayaquil, Ecuador; B.S. (Escuela Superior Politécnica del Litoral); *Electrical Engineering*

Joseph John Zakelj, Cleveland; B.S., M.S. (John Carroll University); *Computer and Information Science*

## Colleges of The Arts and Sciences

Chairman, Coordinating Council of Deans:  
Patrick R. Dugan

Vice Provost for the Arts and Sciences:  
Thomas A. Willke

The Colleges of the Arts and Sciences,  
a federation of five colleges, include:

College of the Arts

College of Biological Sciences

College of Humanities

College of Mathematical and  
Physical Sciences

College of Social and  
Behavioral Sciences

## College of the Arts

Dean: Andrew J. Broekema

### Bachelor of Arts

Gary Thomas Ajamie, Akron  
Carey Lindsay Champoux, Westerville  
James Robert Early, Shelby  
Douglas Alan Heale, Steubenville  
Mary Louise Henrich, Columbus  
Bruce Edward Hochstetler, Mentor  
Robert R. Howland, Jr., Gahanna  
John Charles Huffman, Washington C. H.  
Joanne Hellen Jastram, Columbus  
Conrad Lowell Kinard, Jr., Denton, Tex.  
Ellen Margaret Liesch, Trenton, N. J.  
Yetunde O. Makinde, Ifaki, Ekiti  
Teresa Kathryn Menscik, Dayton  
Kurt Francis Mutchler, North Canton  
Bruce David Nachman, Shaker Heights  
Barbara S. Nielsen, Columbus  
Valerie Sylvia Raita, Kettering  
Rebecca Lin Russell, Avon Lake  
Maureen Shanahan, Lima  
James Hayes Staebler, Mentor  
Charles D. Stallard, II, Jenkins, Ky.  
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### Bachelor of Fine Arts

Richard Walter Borg, Worthington  
Steven E. Brasier, Kettering  
Ann Louise Burkhardt, Fairborn  
Kathleen Anne Kopp, Columbus  
Daniel John Hucko, Columbus  
Frederic Thurlow Paddock, Columbus  
Gregory Jay Zivic, Dover

### Bachelor of Music

Bennie Lee Jones, Columbus  
Hien Ngoc Tran, San Francisco, Calif.

### Bachelor of Art Education<sup>1</sup>

Wanda Sue Corbet, Harrod  
Lynn Schwartz Dorr, Worthington  
David Richard Douglass, Pataskala  
Margaret Mary Gallagher, Troy  
Susan Ann Shirley, Hixson, Tenn.

### Bachelor of Music Education<sup>1</sup>

Suzanne Claire Matthews, Columbus  
Martha Irene Smith, Avon Lake

### Bachelor of Science in Audio Recording

James Alan Kaiser, Columbus

<sup>1</sup> Offered jointly by the College of the Arts  
and the College of Education

## College of Biological Sciences

Dean: Patrick R. Dugan

### Bachelor of Science

Andrea R. Bowen, Chicago  
 Peter Douglas Brosse, Shaker Heights  
 Rebecca Bull, Columbus  
 Cynthia Lee Butcher, Canfield  
 Timothy Paul Cullinan, Columbus  
 Gregory Alan Dahlem, Dayton  
 Jeffrey Allen DaRif, Washington C. H.  
 Eudora Eng, Mentor  
 Archie David Enoch, Jr., Dayton  
 William L. Fodor, Columbus  
 John Michael Helland, Fairview Park  
 Daniel Lane Hood, Centerville  
 Michael J. Huels, Versailles  
 Guy Kenneth Kantak, Columbus  
 Paul E. Keers, Cincinnati  
 Richard Klump, Independence  
 Michael Anthony Kuharik, Fairview Park  
 Kim Ping Lee, Cleveland Heights  
 James Andrew Loesch, Mansfield  
 Doreen Lynne Markowitz, Mayfield Heights  
 Robert Coy Moody, Grafton  
 Jacqueline Newett, Cleveland  
 David Benjamin Packer, Euclid  
 Nanette Peg Pasquini,  
     Hasbrouck Heights, N. J.  
 Mark John Piacentini, Columbus  
 Andrea Beth Riedel, Garfield Heights  
 Michael David Roman, Rocky River  
 Lauri J. Romanzi, Fairfax, Va.  
 Angela Luisa Santiago-Franqui,  
     Caguas, Puerto Rico  
 John Carl Sefton, Dayton  
 Sujata Singh, Cleveland  
 Jon Patrick Sipos, Youngstown  
 Laure Ann Vereb, Sylvania  
 Jeffrey Alan Webb, Middletown  
 David A. Zvara, Sylvania

## College of Humanities

Dean: Diether H. Haenicke

### Bachelor of Arts

Elizabeth Carole Anderson, Ashtabula  
 Gerald A. Baker, Oak Hill, W. Va.  
 Julie Jean Bauchert, Columbus  
 Jennifer Ruth Bowman, Upper Arlington  
 Nicholas Adam Bressler, Steubenville  
 Robert M. Brown, Upper Arlington  
 Fred Herbert Buchholz, Columbus  
 Donald Lewis Fisher, Jr., Columbus  
 David Gerard Fitzsimmons, Parma  
 Dale Burton Frazier, Barnesville  
 Douglas Gibson Gardner, Columbus  
 Frank Karl Gunther, Jr., Chagrin Falls  
 Vikki Lou Lancia, Upper Arlington  
 James Douglas Merchant, Columbus  
 Mary Elizabeth Murphy, Newark  
 Thomas Christopher Neal, Columbus  
 Iris Oberleitner, St. Gallen, Switzerland  
 Christine Lea Pannell, Columbus

Jeffrey Wayne Pelley, Wellsville  
 Robert James Rees, Worthington  
 Alfred Rittmeyer, Columbus  
 Matthew David Sommer, Columbus  
 Elisabeth C. von Carlowitz, Moreland Hills

## College of Mathematical and Physical Sciences

Dean: Colin B. B. Bull

### Bachelor of Arts

James L. Miller, Apple Creek  
 Thomas George Murray, Worthington  
 Lesbia Navarro, Columbus  
 Richard Allen Newman, London  
 Robert Lincoln Quick, Tokyo, Japan

### Bachelor of Science

Deana Denise Chapman, Columbus  
 David Alan deVries, Columbus  
 Jeffrey Alan Dodson, Kettering  
 Deanna Gail Doubledee, Massillon  
 Emmanuel Michael Ellenis, Bellaire  
 Robert Douglas Evans, Columbus  
 Robert Allen Ferry, Valley City  
 Marci Joan Foster, Pandora  
 Susan Ann Hamilton, Columbus  
 Bruce Alan Hartsough, Cincinnati  
 Mark Charles Kehlmeier, Westerville  
 Gloria Ann Koruschak, Youngstown  
 Raymond Douglas McClain, Gratis  
 Joseph William Mitchell, Boardman  
 Steven Saul Shultz, Warren  
 Douglas Erwin Snouffer, Columbus  
 Karen Ann Turner, Columbus  
 Shirley Ann Voight, Worthington  
 Cynthia Irene Ward, Fremont

## College of Social and Behavioral Sciences

Dean: S. Earl Brown

### Bachelor of Arts

Anselm Anokwu, Owerri, Nigeria  
 David L. Ash, Marietta  
 David B. Atkinson, Columbus  
 Shawn Renee Bauman, Lisbon  
 Brent Deane Benjamin, Upper Arlington  
 Janice Susan Berke, Lyndhurst  
 Amy Ruth Bernstein, Columbus  
 Patrick Joseph Berry, Jr., Columbus  
 Thomas Randall Blinco, Lewiston, N. Y.  
 Leslie Daniel Boggs, Columbus  
 Gerald Alan Bower, Columbus  
 Lynda Lou Bremenkamp, Columbus  
 Neil Everett Brown, Columbus  
 Kevin Burke-Green, Kingston, Jamaica

Scott Alan Burris, Point Pleasant, W. Va.  
 Cathleen Mary Buzenski, Columbus  
 William Eugene Cain, Lima  
 John A. Carpenter, Chillicothe  
 Wanda Jean Chmielewski, Fairborn  
 Myrtle Deanna Choice, Newark  
 Millicent Amelia Cobb, Toledo  
 Vance LaMont Dixon Cobb, Columbus  
 Victoria Ann Cone, Columbus  
 John Nelson Crandall, Bay Village  
 Philip C. Crosby, Yellow Springs  
 Donald R. Davis, Jr., Columbus  
 Cynthia Driver, Columbus  
 Frank Edward Duddy, III, Columbus  
 Thomas Dumbacher, Cincinnati  
 Valerie Lynn Everhart, Coshocton  
 Milford Gene Farley, II, Lorain  
 Theodore B. Fernald, Columbus  
 Joni Elizabeth Fox, Zanesville  
 Merily N. Friedman, Dayton  
 Beth Ann Germann, New Vienna  
 Elizabeth Jean Greenslade, Shaker Heights  
 Peter Daniel Gribble, North Olmsted  
 Marian Martha Hanley, Heath  
 Deborah Lou Henney, Columbus  
 Stephanie Alicia Hightower, Louisville, Ky.  
 John Richard Horne, Upper Arlington  
 Jacqueline Ann Housel, Jefferson  
 John Jeffrey Hyatt, Ostrander  
 Marcia Ellen Hyde, Ashtabula  
 Kevin Ranelin Kent, Steubenville  
 Mary Lisa Kephart, Paineville  
 Ruth Louise Kindinger, Columbus  
 Nanette King, Newark  
 William A. King, Columbus  
 Lora Beth Lance, Custer  
 Dorothy Sue Leisher, Akron  
 Cynthia Marie Love, Columbus  
 Sharon Ann Major, Painesville  
 Linda Baker May, Solon  
 James Robert McGibeny, Columbus  
 Wilson McKee, Columbus  
 Karen Ann Miller, Wilmington, Del.  
 Cynthia Lynn Milner, Cincinnati  
 James Michael Morrison, Columbus  
 Mary L. Murtha, Columbus  
 Robert Bernard Oberdier, Blacklick  
 Dean Scott Oblonsky, Miami, Fla.  
 Laura Mary Ohlrich, Columbus  
 Ernest Neal Peck, Columbus  
 Marlene Elissa Rauchman, Cincinnati  
 Terri Sue Reynolds, Toronto  
 Richard E. Rieser, Grove City  
 Michael Anthony Rodgers, Columbus  
 Mindy Claire Rodin, Dallas, Tex.  
 Kevin G. Rooney, Columbus  
 Delphine I. Rucker, Warrensville  
 Judy R. Sandman, Costa Mesa  
 Mitchell Craig Schneider, Cleveland  
 Debora K. Siler, Columbus  
 Matthew L. Silver, Sylvania  
 Donna Bambi Simone, Aurora  
 HenriAnn Valli Sims, Columbus  
 Ellen Tracy Smith, University Heights  
 Rebecca Lee Smith, Delaware  
 Kathleen Ann Smith, Columbus  
 Roger A. Snell, Arcanum  
 Teliesa Y. Snell, Ashtabula  
 Ann Jennie Spiri, Cleveland  
 David W. Stevens, Preston, Conn.  
 Tanya Denise Street, Columbus  
 Cheryl R. Sturko, Seven Hills  
 John Todd Tataru, E. Canton  
 Deborah Lynn Tatum, Columbus  
 Julia Anna Turner, Columbus  
 Sandra Alice Turner, Newark  
 Machele Ann Waid, Bryan  
 Alisa Lynn Weller, North Woodmere  
 Chris Wessels, Cincinnati



Robin L. Wetzel, Columbus  
David Charles Williams, Brilliant  
John Douglas Wohlgamuth, New Albany  
Mark David Woodruff, Dayton  
Drew Eugene Yaussy, Bucyrus  
Dale Richard Anthony Yurovich, Lorain

## Bachelor of Science

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Ronald Guy Bridges, Wintersville  
Carl Thomas Cefalu, Akron  
Bobbi L. Foster, Marion  
Karen L. Heise, Grove City  
Teresa Gail Higgins, Morrow  
Roberta Jo Kapp, Columbus  
James C. Long, Columbus  
Dorothy Jean Mitchell, Columbus  
Mary Sloat Roberts, LaRue  
Rhonda Kay Tartt, Columbus  
Robert Thomas VanCleve, Columbus  
Melanie Rose Williams, Chillicothe  
Nancy Wood, Bellaire

## School of Journalism

### Bachelor of Arts in Journalism

Colleen Marie Andring, North Canton  
Gloria Jean Astorino, Lorain  
Donald G. Balsamo, Nesconset, N. Y.  
Barbara Ann Beatty, Lorain  
David Edward Binkley, Toledo  
Sherri L. Blank, Akron  
Jeffrey Michael Botti, Columbus  
Star Burks, Cincinnati  
Cheryl D. Chapman, Bryan  
Susan E. Condon, Lakewood  
Elizabeth A. Conlisk, Toledo  
Cynthia Halleen Craft, Columbus  
Mark A. Fisher, Beavercreek  
Kimberly Anne Gallas, Breckville  
Jeff Allen Gehlke, Grafton  
Joanne Christine Gogots,  
North Bellmore, N. Y.  
Holly Talbot Hohas, Columbus  
Donna Lynn Huffman, Westerville  
Mark Andrew Hummer, Columbus  
Christopher William Johnson, Columbus  
Kenneth E. Kraus, Shaker Heights  
Dorothea Renee Larese, Columbus  
Hugh K. Malay, Cincinnati  
Nancy Ann Milenkovich, Columbus  
Christine M. Mines, Warren  
Steven Carl Morales, Campbell  
Mary Sheila Murphy, Fairview Park  
Linda Marie O'Connor, Toledo  
David Richard Priddy, Severnia Park, Mo.  
Jean Marie Shaffer, Grove City  
Christine Ann Solie, Columbus  
Sandra L. Theis, Warren  
Nancy Anne Tracewell, Columbus

# College of Administrative Science

Dean: H. Justin Davidson

### Bachelor of Science in Business Administration

Michael Joseph Aiello, Columbus  
Daniel Ralph Alexander, Columbus  
Susan Kay Allen, Newark  
Bruce Edward Baker, Marietta  
Robert Christopher Ball, Cincinnati  
Barbara Jo Ballinger, Centerville  
David Eugene Barbee, Jackson Center  
Charles Richard Baxley, Columbus  
Benson Scott Beaver, Sunbury  
Paula J. Beckley, Circleville  
Cheryl Ann Bell, Fairview, Pa.  
Leslie Villiger Bell, Arlington, Va.  
Brian Keith Berg, Dayton  
Kenneth Alan Bigley, Groveport  
Sami Ahmed Binmahfooz, Columbus  
David Rolf Boe, Columbus  
Joseph Vincent Boffo, Columbus  
Joseph Nicholas Botti, Columbus  
Robert Marcel Bouchard, Dover  
Drew Alan Bourne, Buckeye Lake  
Samia Farid Boutros, Lebanon  
Linda Elizabeth Bowers, Columbus  
Brad Nathan Brewster, Painesville  
William Connelly Brodegar, Woodsfield  
Peter Michael Brown, Lakewood  
Walter Henderson Brown, Pataskala  
Thomas Nicholas Brozovich, Flushing  
Anne Marie Bunsatine, Columbus  
Stephen Dale Burcham, Proctorville  
Bobby Joe Burke, Pittsburgh, Pa.  
Chester Guy Casagrande, Alliance  
Cynthia Sue Casto, Belpre  
Jerry D. Chambers, Columbus  
Helen Davidson Chapman, Wilmington, Del.  
Rick L. Cohen, Moreland Hills  
Anne Marie Corsiglia, Fairport, N. Y.  
Kevin Todd Coyne, Newark  
Michael Crawford, Columbus  
Timothy Earl Crawford, Dayton  
Robert William Crooks, Columbus  
William Campbell Crusey, Centerville  
Andrew W. Culbertson, Avon Lake  
Michael James Cunningham, Portsmouth  
Matthew Richard Curren, Columbus  
William Allen Davidson, Columbus  
David John DeFrank, Madera, Calif.  
Mark Richard Delaney, Dayton  
Denis Deliz, Kenton  
Jerome Thomas Dieringer, Defiance  
John DiPangrazio, Columbus  
Sheryl Lynn Dixon, Danville  
James Charles Dowley, Columbus  
Raymond D. DuBois, Waynesburg  
Thomas Joseph Duffy, Columbus  
Michael Lee Eberst, Westerville  
Lawrence Guy Eckles, Pickerington  
Alexandra Economou, Willowick  
Jeff A. Edelstein, Bexley  
Sandra Jean Endter, Worthington  
Thomas Michael Farrell, Columbus  
William Leonard Fetter, Newark  
Joel C. Fisher, Napoleon  
Mark Robert Fox, Columbus  
Gwendolyn Denise Funchess, Sumter, S. C.  
Kathryn J. Galpin, Columbus  
David James Gibb, Columbus  
Clyde Abraham Gilbert, II, Columbus

Thomas William Giller, Columbus  
Kevin Herald Goddard, Martins Ferry  
Carl Gilbert Godshall, Jr., Sunbury  
Mark Edward Graber, Centerville  
James Bernard Graham, Newark  
Timothy Alan Gregory, Marysville  
Thomas Dane Guthell, Grove City  
Stephen Earl Hall, Columbus  
John Lance Hardy, Toronto  
Alan Jay Harloe, Cincinnati  
Scott Herman Haslam, Burlington, Vt.  
John David Hattey, Canal Winchester  
Mark Nelson Heacos, Westerville  
Kay Ellen Hechesky, Columbus  
Eric Jay Heiss, Wickliffe  
Julie Day Henry, Columbus  
Michael K. Hiatt, Columbus  
Kenneth Douglas Hoffman, Warren  
Debra M. Homan, Coldwater  
Rochelle DeVictor Horn, Columbus  
Edward John Hornyak, Parma  
Victoria Lynn Howell, Mansfield  
Jeffrey W. Hutchison, Columbus  
Mark Joseph Iannarino, Worthington  
Frank J. Iezzi, Jr., Galena  
Michael Lee Inscore, Mansfield  
Mark A. Janer, Buffalo, N. Y.  
Edward Alan Jobs, Newark  
Aimee Patrice Johnson, Mansfield  
John Warren Johnson, Columbus  
Matthew C Johnson, Marietta  
Donald Kevin Jones, Columbus  
Keith Brent Jordan, Westerville  
Thomas M. Jordan, Columbus  
Steven Frank Kalski, University Heights  
George Karpathakis, Martins Ferry  
Murray Keith Katz, Cleveland  
John A. Keough, Lakewood  
Jack Darnall Kerr, Dayton  
Martin Clarence King, Columbus  
Stuart Allen King, Pittsburgh, Pa.  
Branson Allen Kitzmiller, Columbus  
James Evans Knab, Columbus  
Rex Earl Knechtly, Centerville  
Stephen Richard Knight, Warren  
Joel B. Kratzer, Cincinnati  
Karen Yvonne LaMarr, Columbus  
Peter Charles LaPointe, Columbus  
Paul Edward Lauzau, Strongsville  
William A. Lawn, Columbus  
Dana Floyd Lee, Shaker Heights  
Donald Eugene Leech, Mansfield  
Gary Roscoe Lees, Centerville  
Gary Alan Leist, Houston  
Charles William Lewis, Warren  
Pamela Sue Lewis, Belpre  
Paul W. Litzinger, Columbus  
Scott Gordon Livingston, Columbus  
Susan Diane Lord, Galena  
Teresa Gay Mackie, Mt. Vernon  
Gregory Charles Maiseinacher, Columbus  
Jayne Marie Marchant, Washington C. H.  
Stephen C. Martin, Dayton  
Carol Lee Matson, Wheeling, W. Va.  
Richard Brian McAdams, Lima  
Joseph Stephen McCann, Columbus  
Patricia Jill McDonald, Columbus  
Theresa McDonald, Tipp City  
Kevin Thomas McKee, Cincinnati  
Thomas Joseph McLeer, Columbus  
Stephen Neal McVey, Columbus  
Thomas Arthur Mellert, Columbus  
Coreen Eldean Meunier, Columbus  
Jack B. Midkiff, Steubenville  
Richard Scott Minniear, Sidney  
John Anthony Mocker, Jr., Canfield  
Mary Louise Monsour, Columbus  
Kenneth Michael Moreland, Columbus  
Mark Myhal, Parma

Vikki Lynne Niswonger, Columbus  
 Cheryl Rae Ohel, Freehold, N. J.  
 Guillermo F. Paganini, Dayton  
 Thomas James Payne, Sandusky  
 Carol Ann Petti, Columbus  
 Gerald Raymond Phelps, Sylvania  
 George Anthony Piacentino, Marion  
 Kathy Jane Pitts, Columbus  
 Richard Lance Potts, Columbus  
 Robert William Radler, Mansfield  
 Cecil Frederick Rake, Columbus  
 Dorkasnelia C. Ramos, Cleveland  
 Russell Scott Randall, Cypress, Tex.  
 Lauren Rechichar, Vermilion  
 Thomas Albert Riemenschneider, Westlake  
 Mark Zeller Robbins, Columbus  
 Chris Allen Roberts, Dayton  
 Michael Joseph Sacucci, Toledo  
 Robin Priest Sanderson, Newark  
 Richard James Sanfrey, Niles  
 Julie Ann Sberna, Circleville  
 Jon B. Schmidhammer, Columbus  
 Peter E. Schofel, Livingston, N. J.  
 Robert Ross Schram, Findlay  
 Frank Joseph Scida, Pittsburgh, Pa.  
 Bruce Richard Scodova, Mansfield  
 Rhonda DeVonne Scott, Columbia, Md.  
 John William Semmel, III, Wyoming  
 Charmaine Teresa Sheldt, Cincinnati  
 Jeffrey Scott Smith, Kettering  
 Thomas Keith Sneed, Trotwood  
 Carl Rodney St. Clair, Columbus  
 Christa Deanna Stephens, Indianapolis, Ind.  
 Michael J. Stiller, Akron  
 Donald Ray Stone, Columbus  
 Agnes Yon Sunwoo, Columbus  
 Glenn Lloyd Taflan, Bridgeport  
 Calvin Kenneth Taylor, Reading  
 Gary Dean Umstادت, Columbus  
 Eric Randall Volpe, Hillsdale, N. J.  
 Nancy Ellen Weisenbach, Columbus  
 Phillip Melvin Wenner, Bucyrus  
 James Benjiman Westlake, II, Gratiot  
 Kenneth Whitehead, Westlake  
 Paul Michael Wilcox, Elyria  
 Douglas Brian Wileman, South Bend, Ind.  
 David Charles Willer, Fremont  
 Andrew Robert Williams, Columbus  
 Mark William Wonus, Findlay  
 Lu Ann Mary Wright, Mount Gilead  
 Steve Karl Wu, Marion  
 Tommy Wing Yee, Columbus  
 Brent Edward Young, Ormond Beach, Fla.  
 Jaun C. Yubero, Mansfield  
 Raymond P. Zack, Columbus

## Bachelor of Science in Labor and Human Resources

John Alan Cowgill, New Carlisle  
 Robert Kent Diebel, Cincinnati  
 Marlaine Fisher Eblin, Columbus  
 Sandra Rae French, Lyndhurst  
 Christopher Roger Keppler, Hamilton  
 Kimberly Marie Schave, Warren

# College of Agriculture and Home Economics

Dean: Roy M. Kottman

## Bachelor of Science in Agriculture

Michael Keith Adams, Sykesville  
 Robert Loven Adams, Springfield  
 Donald Carson Antram, Lewistown  
 David Dean Baird, New Philadelphia  
 Thomas John Belanger, Bay Village  
 Keith Allen Biehl, North Royalton  
 Daniel Eugene Bline, Mechanicsburg  
 Frank Stephen Bowling, Circleville  
 Robert James Bowman, Canal Winchester  
 Lee Alan Brown, Grand Rapids  
 Steven Edward Burk, Columbus  
 Judy Ann Burns, Euclid  
 John William Cajka, Bowling Green  
 Anthony Peter Capatosto, Columbus  
 Leanne Carpenter, Cortland  
 Debra Sue Chaffin, Dayton  
 Elisabeth Ann Curry, Columbus  
 Thomas Bossert deHaas, Jr., Euclid  
 Samuel Edward Duff, Springfield  
 William Arthur Duff, Springfield  
 Laurie Margaret Dussing, Norwalk  
 David Young Farrell, Warren  
 Patsy Ann Ford, Cincinnati  
 Jeffrey Thomas Freppon, Cincinnati  
 Ed Dale Funderburgh, Woodstock  
 Michael John George, Newark  
 Charlsie Wagner Green, Columbus  
 Michael Lee Hall, Columbus  
 Norman Eric Hansen, Leamington, Ontario, Canada  
 Joyce Ellen Harsh, Delaware  
 Lloyd Gregory Haupricht, Swanton  
 Kim Patrick Horton, Westchester  
 Brian Lee Huffaker, Troy  
 Vickie Darlene Hundley, Columbus  
 Kevin Kemper Jeffrey, Bellefontaine  
 Gregory Allen Johnson, Orrville  
 Michael Joseph Johnson, Akron  
 Kelly Jean Jones, Cambridge  
 John Gibson Joseph, Bucyrus  
 Laura Parks Kiser, Dayton  
 Nicholas Joseph Kray, Parma  
 Michael Robert Lawler, Jackson  
 Zenon Lis, Garfield Heights  
 Richard Jay Lonstein, Worcester, Mass.  
 Estelle Marie MacInnis, Centerville  
 James Herbert Maddox, Lakewood  
 Herrick Alden Mann, Cleveland  
 Angela Marie Mattison, Columbus  
 Noel Thompson McDaniel, Woodstock  
 Daniel Jeffery Messerall, Madison  
 Frederick Joseph Meyer, Hicksville  
 Donald Joseph Miller, Delphos  
 William James Miller, Monroeville  
 Thomas Henry Mittelkamp, Lima  
 David Edward Motta, Grafton  
 David Allan Mussard, Mt. Vernon  
 Michael Jack Myers, Fremont  
 Steven Arthur Neff, Bucyrus  
 Ayotunde Nathaniel Oyelakin, Kwarra, Nigeria  
 Gale Leslie Parks, Rinard Mills  
 Mary Louise Pearce, Columbus  
 Brent Douglas Philbrook, Cardington  
 Bradley David Phillips, Berlin Heights  
 David Michael Prochaska, Findlay  
 Mark Bernard Przybyszewski, Erie, Pa.  
 Michael Eugene Ramsey, Rushsylvania

Dale Owen Reno, Clyde, N. C.  
 David L. Ritchie, Columbus  
 Paula Jo Rossler, Columbus  
 Paul Hulse Russell, Williamsport  
 Michael Vincent Savage, Bellevue  
 Marilee Elizabeth Schneider, Parma  
 Kenneth Charles Schriber, Grafton  
 Debbie Robin Selling, Coral Springs, Fla.  
 Kevin Richard Sheppard, Racine  
 Jeffrey Michael Shields, Worthington  
 Patti Ann Shiflet, Columbus  
 Donald Frederick Smith, Upper Arlington  
 Michael Sharon Snowden, Wayne  
 Steven Jay Speck, Bowling Green  
 Joseph Allen Steiner, Lebanon  
 Judith Ann Stolz, Blacklick  
 Robert Lee Thurman, Jr., Urbana  
 Steve Andrew Tirpak, Columbus  
 Richard Michael Wagner, North Merrick, N. Y.  
 John Howard Weaver, Kansas  
 Kim Adair Weiss, Botkins  
 Jay Craig Weitbrecht, Greenville  
 Patrick Michael Williams, Waterville  
 Brian James Yoder, Toledo  
 Lee Scott Zehentbauer, Hanoverton  
 Darren Joel Zucker, Powell

## Bachelor of Science in Food Science

Jeffrey Joseph Berus, Akron  
 Michael Lee Hurlow, Mt. Vernon  
 Mary Jo Mattei, Columbus

## Bachelor of Science in Nutrition

Aurilla Nelida Jordan, Patriot  
 Patricia Lynn Sawaya, Mt. Vernon

## School of Home Economics

### Bachelor of Science in Home Economics

Carol S. Adams, Columbus  
 Pamela Anne Ashby, Columbus  
 Deborah Lynn Baker, Lancaster  
 Lynn Mills Baumgardner, Dayton  
 Carol Lynn Bennington, Columbus  
 Nancy Margaret Bigler, Columbia Station  
 Teresa Boyer, Worthington  
 Pamela Sue Brown, Canfield  
 Christi Lee Clodfelter, Worthington  
 Lisa Ann Ebner, Columbus  
 Cheryl Beth Elliott, Newark  
 Gayle Elaine Henry, Columbus  
 Amy Jo Hiegel, Van Wert  
 Janette Elizabeth Hobor, Galena  
 Gwen Alice Holsapple, Columbus  
 Debra Lou Hume, Columbus  
 Bonnie Ray Jones, Powell  
 Lisa Anne Kiger, Columbus  
 Jacquelyn S. Kosel, Sandusky  
 Cara Sue Lauener, Fredericktown  
 Beverly Anne Livingston, Clearwater, Fla.  
 Bonnie J. Long, Cleveland  
 Mary Kathleen Long, Middletown  
 Susan Benedict Mastrangelo, Willoughby  
 Anita Louise Morrison, Columbus  
 Rosemarie Newman, Worthington  
 Lori Sue Oesch, Shelby  
 Rhonda Marie Rhoades, Versailles

Ann Elizabeth Salvador, Columbus  
 Janice Neville Seay, Columbus  
 Christa Shoup, Columbus  
 Denise Elaine Smith, Columbus  
 Diane Carole Spitzer, Grafton  
 June Carol Taylor, Cleveland  
 Lynnanne Tharp, Lakewood  
 Nancy Marie Ross Thompson, Columbus  
 Marcia F. Van Saun, Fayetteville  
 Catherine Ann Weber, Columbus  
 Judith Jean West, Conway  
 Sandra Kay Williamson, Defiance  
 Lauren Fisk Wilmot, Rochester, Mich.

## Bachelor of Science in Nutrition

Meiba Margo O'Neal-Smith, Columbus

## School of Natural Resources

### Bachelor of Science in Natural Resources

Elisabeth Ann Allinikov, Yellow Springs  
 Kyle James Andrews, Columbus  
 Cheryl Ann Arnold, Dayton  
 Ronald Mark Barwig, Woughby Hills  
 Clark Robert Bentley, Columbus  
 Leonard Paul Black, Columbus  
 Rita G. Carnes, Columbus  
 Jeffrey Mark Curtis, Columbus  
 Timothy Michael Day, Columbus  
 Randy Michael Deehr, Berlin Heights  
 Kenneth Carl Dunn, Georgetown  
 Daniel Lee Edwards, Columbus  
 Michael Lee Eggert, Columbus  
 Frank Giannola, Columbus  
 Annette Marie Giere, Coldwater  
 Kenneth Ray Hall, Columbus  
 Richard Paul Haskins, Marietta  
 Stuart Mason Helmtoller, Loveland  
 Robert Nelson Hickok, Rocky River  
 Jeffrey Lee Hitzel, Columbus  
 Thomas Richard Horner, Springfield  
 Janet Lynn Hubbard, Columbus  
 William Robert Jonard, Caldwell  
 Maria Evelyn Kovacs, Mansfield  
 Timothy W. Lambert, Farmington Hills, Mich.  
 John Rogers Lane, Lakeside  
 Robert Stacy Lane, Lancaster  
 David William Lees, Lakewood  
 Craig John Lilly, Dayton  
 William David Meyer, London  
 Kevin Richard O'Brien, Canton  
 Carolyn Ann Pories, Columbus  
 John Joseph Sabo, Amherst  
 James Alan Satava, Chagrin Falls  
 Brett Thomas Scharringhausen, Columbus  
 Victoria Foster Scott, Westerville  
 Scott Robert Terhune, Chagrin Falls  
 Marc Howard Theodore, Centerville  
 Janet S. Todd, Kettering  
 Jill Shirley Walker, South Euclid  
 Martin Leroy Webb, Ostrander  
 Daniel Lee West, Columbus  
 Louwana Jane Whitlow, Milton, W. Va.  
 Christopher Edwin Woodruff, Dayton

# Agricultural Technical Institute-Wooster

## Associate in Applied Science

Nathan Mark Baltzy, Beach City  
 Carl David Boggs, Springfield  
 Moira Patrice Bowers, Columbus  
 Jeffrey Donald Bowman, Heath  
 Deborah Kay Brabbs, Cincinnati  
 Gregory Lee Clem, Elyria  
 Daniel Harrison Elwood, Ada  
 Marjorie Lois Ewart, Salem  
 Arden Leo Gill, North Canton  
 Patrick Gerard Griffin, Cincinnati  
 Jeffrey Lee Horn, Wharton  
 Dale Ralph Hulit, Mansfield  
 Karl Francis Kanehl, Wooster  
 Miranda Jane Kelly, Lewisville, N. C.  
 John Kenneth Kocher, Girard  
 Dale Richard Libben, Port Clinton  
 Douglas Lee McDorman, North Lima  
 David Frederick McGinnis, Toledo  
 James Bryan Mosman, Nevada  
 Sean Dennis Mullarkey, Cincinnati  
 Glen Lyman Newcomer, Bryan  
 Jeffrey Carl Mortensen, Milan  
 Alejandro Roman Nicol, Guatemala, Guatemala  
 Martin Bryant Olshawsky, Senecaaville  
 Lee Alan Orians, Carey  
 Matthew Houston Pearl, Wooster  
 Richard Albert Poirier, Jr., Franklin  
 Karen Mae Quinn, Middlefield  
 David Paul Richards, Toledo  
 Frederick Lawrence Saur, Jr., Lakewood  
 Gerald Eugene Senn, Attica  
 Ronald Lee Shaw, Chillicothe  
 Robert Paul Sieving, Butler  
 Ralph Kevin Smith, Canal Winchester  
 Michael Roger Spies, Dover  
 Bruce Ralph Stacy, Marietta  
 Max Kenneth Stotz, Edgerton  
 John Matthew Wade, Newark  
 Kathi Danielle Weaver, Belpre  
 Grace Rosena Yaussy, Bucyrus  
 Richard Alan Zellers, Hartsville

Rachel Naomi Clum, Lafayette  
 Lu Ann Conkel, Sciotoville  
 Mindy Rae Cooper, Lexington  
 Dawn Allen Darby, Pickerington  
 Candace Joy DeLong, Pataskala  
 Jeffrey Allen DeMatteis, Columbus  
 Paul Michael Dodsworth, Columbus  
 Joseph Peter Dunlevy, Columbus  
 Susan Marie Durkin, Dayton  
 Amy Jane Edwards, Dayton  
 Michael Fredrick Eier, Findlay  
 Michael G. Evans, Whitehall  
 Karen Faye Farris, Columbus  
 Cynthia Lu Faulkner, Shiloh  
 Janet Louise Feldhaus, Reading  
 Deborah Sue Ferguson, Columbus  
 Karen Sue Finn, Elide  
 Helen Louise Fisher, Xenia  
 Lori Ann McClenathan Flaglor, Mt. Gilead  
 Edith Geneva Fleming, Columbus  
 Evelyn Carol Fort, Mansfield  
 Cara Lisa Fortunato, Youngstown  
 Susan Lee Freed, Glenside, Pa.  
 Colleen Suzette Fullenkamp, Bucyrus  
 Barbara Marie Gibbons, Cincinnati  
 Susan Kay Gossard, Lima  
 Joni Lynn Grove, Bremen  
 Carol Jane Haendiges, Parma Heights  
 June Hoam Hagan, Mansfield  
 Leslie Ann Hagy, Huron  
 Martha Elizabeth Harrell, Curtice  
 Rebecca Lynn Harrison, Cincinnati  
 James Preston Haskins, West Jefferson  
 Peggy Sue Hinton, Columbus  
 Tamra Dawn Hockenberger, Toledo  
 Richard Glenn Holliday, Westerville  
 Annette Howell, Columbus  
 Kathryn Jean Hulsey, Lima  
 Charles Glenn Hunter, III, Newark, Del.  
 Loree B. Johnson, Washington C. H.  
 Debra Marie Jordan, Cleveland  
 Lukas Paul Kareklas, Columbus  
 Margaret K. Kearns, Columbus  
 Shonette Lynne Kelley, Columbus  
 Ann Elizabeth Koch, Lima  
 Brigitte Kuelgen, Cleveland  
 Vikki Lou Lancia, Columbus  
 Ronald James Landis, Columbus  
 Daniel Joseph Lindsay, Columbus  
 Kim Ellen Lippy, Columbus  
 Dawn Marie Logan, Zanesville  
 Karen Marie Luhring, Sycamore  
 Mark Anthony Mangini, Columbus  
 Laurie Ann Marburger, Columbus  
 Laure Lee Marcellus, Rumson, N. J.  
 Craig Donald Marcus, Columbus  
 Barbara Jayne Mathews, Dayton  
 Mark Gus McKimmins, Gahanna  
 Toni Lynn McLarnan, Columbus  
 Tamara Jo McPherson, Columbus  
 Susan Marie Meaney, Conneaut  
 Eleanor Joan Mendell, Columbus  
 Catherine Helen Miller, Columbus  
 Charles Anthony Miller, II, Columbus  
 Myrna Leona Moore, Columbus  
 Carolyn Sue Myers, Newark  
 Susan Marie Nash, Kent  
 Gay Ann Nibert, London  
 Theresa Ann O'Connor, Worthington  
 Jacquelyn Darlene Orebaugh, Gomer  
 Brenda Marcia Ostrow, Cincinnati  
 Becky Jean Peoples, Lexington  
 Susan Marie Pieraccini, Elida  
 Deborah Lee Port, Columbus  
 Amy Follas Prichard, Van Wert  
 Rosalyn Ann Quaranta, Columbus  
 John Andrew Reith, Shelby  
 James Edwin Ross, Sherwood  
 Danner Mahood Rugg, Columbus

## College of Education

Dean: Robert A. Burnham

### Bachelor of Science in Education

Vivian Eileen Allison, Detroit, Mich.  
 Kevin Clark Alkire, Columbus  
 Rachel Ann Allen, Lima  
 Cora Ann Baddorf, Bucyrus  
 Kathi Lynn Barnett, Mt. Gilead  
 Brian Bradley Beatty, Newark  
 Melanie Williams Behr, Wapakoneta  
 Karen Utzinger Bentley, Grove City  
 Zsuzsanna Katalin Bondor, Marion  
 Lynne Marie Borrelli, Mansfield  
 Joseph John Bressler, Steubenville  
 Robert Dale Brewster, Orchard Lake, Mich.  
 Dorothy Jane Broadbent, East Liverpool  
 Patricia Leigh Bruns, Dayton  
 Stanley Clinton Burger, Columbus  
 Judell Lee Butler, Columbus  
 Angela Rae Gatta Byrom, Columbus  
 Elizabeth Ann Chope, Columbus

Jill Beth Rusnak, Youngstown  
 Donna Jean Rutherford, Marion  
 Mark Allan Salisbury, Columbus  
 Barbara Ann Schwartz, Pittsburgh, Pa.  
 Janet Lutz Seward, Lima  
 Frederic Alan Shurr, Springfield  
 Deborah Sue Sipes, Marion  
 Deborah Ann Smith, Reynoldsburg  
 Verlin Andy Smith, Columbus  
 Susan Marie Snyder, Whitehall  
 Linda Bender Strahm, Bluffton  
 Joy Ellen Tharp, Ashland  
 Susan K. Turner, Harrod  
 Lori Beth Van Gorden, Marion  
 Tami René Vordenberg, Springboro  
 Marc R. Waldie, Columbus  
 Susan Beth Welch, Wellington  
 Cassandra Elizabeth Wentt, Columbus  
 Suellen Kay Higgins Whiteside,  
 Mt. Sterling  
 Carmelina Whitman, Toledo  
 Diana Lee Wiese, Lexington  
 R. Anne Wilkinson, Wilmington  
 Carol Ellen Wood, Columbus  
 Debra Ann Zimmer, Bethel

**Bachelor of Art Education and  
 Bachelor of Music Education**  
 degrees are offered jointly by the  
 College of the Arts and the  
 College of Education.  
 Candidates are listed under  
 College of the Arts.

## College of Engineering

Dean: Donald D. Glower

### Bachelor of Science in Aeronautical and Astronautical Engineering

Patricia Jenine Carr, Worthington  
 Michael John Flanagan, Jr., Bedford, Mass.  
 Mark William Goodin, North Canton  
 Michael Anthony Grant, Panaca, Nev.  
 Francis A. Mansfield, Columbus

### Bachelor of Science in Agricultural Engineering

Brian Lee Bursiek, Bowling Green  
 Philip Robert Keegan, Moscow  
 William R. LaFollette, Lima  
 Bruce Evan Menghini, Reynoldsburg

### Bachelor of Science in Ceramic Engineering

Eric Bright, Columbus  
 Paul Michael Glaser, Granville  
 Timothy Michael Pattison, Kettering  
 Ronald L. Quick, Columbus  
 Martin William Weiser, Canal Winchester

### Bachelor of Science in Chemical Engineering

Richard Glenn DeWitt, Galion  
 Edwin Scott Tittle, Harrisburg, Pa.  
 Jesus M. Urdaneta, Maracaibo, Venezuela

### Bachelor of Science in Civil Engineering

Cleve Newton DeVault, Columbus  
 Robert W. Everett, Columbus  
 J. Christopher Ey, Columbus  
 Robert McClure Foster, Centerville  
 James Philip Garrison, Skillman, N. J.  
 Dennis Patrick Hagan, Thornville  
 Jeffrey Michael Kelly, Burbank  
 Leonard George Kutney, Mansfield  
 Gregory Dennis Lewis, Columbus  
 David Brian Mackey, Groveport  
 Oliver Gregory McGee, Columbus  
 Douglas Edgar Mill, Butler  
 Mark Alan Pardi, Columbus  
 Dale Reisinger, Vermilion  
 Dean Carter Ringle, Findlay  
 Amy Elizabeth Steiner, Dayton  
 Benjamin Joel Strick, Lorain  
 Stephen Edward Thomas, Waverly  
 Terri Louise Thomas, Youngstown  
 Philip Draffen Wisdom, Mansfield  
 Pun Cheuk Yiu, West Point, Hong Kong

### Bachelor of Science in Computer and Information Science

Stuart Sheldon Bedoll, Lyndhurst  
 Daniel Joseph Cory, Worthington  
 Gary Lee Dayton, Delaware  
 David James Frea, Orient  
 Heidi Marie Hirzel, Northwood  
 Thomas Carl Kohls, Fort Jennings

### Electrical Engineer

Joseph Michael DeKold, Kettering

### Bachelor of Science in Electrical Engineering

Brenda Arlene Babb, Fostoria  
 James Kevin Badgley, Grove City  
 Enrique Barbieri-Iannucci,  
 Merida Edo Merida, Venezuela  
 Steven Robert Blahnik, Columbus  
 Richard Franklin Butts, Jr.,  
 Mayport Naval Station  
 Daniel John Cammarn, Columbus  
 Bradley Dean Clymer, Findlay  
 Carlos Edward Emmons, Bogota, Colombia  
 Donald S. Gelosh, Connellsville, Pa.  
 Bret Stephen Guilford, Hicksville  
 David Allan Gutow, Cleveland Heights  
 John Steven Hoover, Columbus  
 Thomas Frank Laqatta, Dover  
 Francis Lawrence Leard, Columbus  
 Charlton David Lewis, Cincinnati  
 Tarek Hasan Makkawi, Sidon-Lebanon  
 Jefferson Edgar Odhner, Bryn Athyn, Pa.  
 Richard Alan Peszlen, Columbus  
 Mark Pukita, Poughkeepsie, N. Y.  
 Jonathan Howard Riley, Columbus  
 Stephen Morgan Rowlands, Worthington  
 James William Watson, Columbus

### Industrial Engineer

David John Neuhardt, Westerville

### Bachelor of Science in Industrial and Systems Engineering

Rajeeva Lochan Bajpai, Columbus  
 Douglas Eugene Darrow, Columbus  
 Charles Richard Flasch, Cincinnati  
 Michael David Grimes, Middletown  
 Robert Keith Groselle, Columbus  
 Shahid Jamal Haque, Karachi, Pakistan  
 Larry Alan Hart, Columbus  
 Bruce Allen Lahman, Fostoria  
 Karen Decker Leard, Columbus  
 Thomas Richard McDonald, Columbus  
 Tim E. Proos, Grand Rapids, Mich.  
 James Dean Wade, Galloway

### Bachelor of Science in Mechanical Engineering

Moiz Baig, Gahanna  
 Michael William Baker, Fairborn  
 Michael W. Belcher, Dayton  
 Lawrence Michael Berg, Dayton  
 Randal Lee Bergstedt, Liberty Center  
 Martin David Bever, Somerset  
 T. Frank Brown, Jr., Stockdale  
 Robert Joseph Button, Springfield  
 Russel Allyn Davis, Odessa, Fla.  
 Steven Michael Doerman, Columbus  
 Rex Paul Doyle, Industry, Pa.  
 Ronald Anthony Hatem, Columbus  
 Joseph John Kienle, Columbus  
 Margaret Mary Ladd, Middleburg Heights  
 Michael Patrick Lewis, Grove City  
 Che-Kuang Jeff Lin, Cerritos, Calif.  
 Timothy Francis Lipari, Akron  
 Martha Kim Michal, Columbus  
 Jeffrey Burton Ohlemacher, Elyria  
 Dean Allen Rankey, Arlington  
 James N. Reinhold, Jr., Cincinnati  
 Mark Edward Rowland, Columbus  
 Ronald Charles Rubrecht, Cincinnati  
 Thomas Stone Sipher, Westerville  
 David Earl Sleppy, Dayton  
 Steven Kenneth Smith, Columbus  
 Paul Hudson Stevens, Columbus  
 Charles DeWayne Walton, Columbus  
 James Alan Wilson, Franklin

### Bachelor of Science in Metallurgical Engineering

David Myron Lineman, Columbus  
 Donald Scott MacKenzie, Nashville, Tenn.

### Bachelor of Science in Surveying

Larry Gene Long, Columbus  
 David Earl Lutz, Shelby  
 Dean Carter Ringle, Findlay  
 Peter John Sidoti, Jr., Lyndhurst

### Bachelor of Science in Welding Engineering

Arno Robert Bebernitz, Jr., Ontario, N. Y.  
 Steven Brent Houseman, Bainbridge  
 Joseph John Kwiatkowski, Toledo  
 Michael William Tecklenburg, Troy

## School of Architecture

### Bachelor of Science in Landscape Architecture

Ernest Raphael Buzenski, Columbus  
Barry Thomas Gano, Salem  
Robert Jay Marinko, Willoughby  
Mary Elizabeth Murray, Middletown

## College of Medicine

Acting Dean: Manuel Tzagournis, M.D.

### Doctor of Medicine

Dennis Frank Bambach, Westlake  
B.A. (Ohio Wesleyan)  
Marian Patricia Droba, Warren  
B.S.  
Richard Kopolovic, Columbus  
B.S. (Ohio University)  
Joseph Thomas Kutsko, Youngstown  
B.S.  
Juanita Marie Murawski, Cuyahoga Falls  
B.S.  
Donald Lee Sharps, Cuyahoga Falls  
B.A. (Case Western Reserve University)  
David Samuel Weiland, Cincinnati  
B.S. (Georgetown University)

### School of Allied Medical Professions

### Bachelor of Science in Allied Health Professions

Pauline Elizabeth Allen, Columbus  
Gerald Lee Davis, Shelby  
Judith Anne Lilienthal, Cambridge  
Sheryl Ann Ogden, South Charleston  
Daniel William Puff, Lancaster  
Christine Mary Redie, Akron  
Linda Engeswick Sorg, Brookfield, Wis.  
Linda Sue Sterling, Granville  
Lisa Pugh Zangmeister, Lima

## School of Nursing

### Bachelor of Science in Nursing

Joyce Marie Bennett, Independence  
Scott Jude Chandler, Columbus  
Nancy Czerand, Columbus  
Allen Gregory Deam, Columbus  
Catherine Xareklea Gout, Tampa, Fla.  
Jeannette Ann Gruszecki, Hanoverton  
Kathleen Harper, Columbus  
Laurie Ann Hixson, Girard  
Erin Marie Kelleher, Alliance  
Idamarie Kosmach, Latrobe, Pa.  
Warren Stewart MacPherson, Columbus  
Donna Steele McMillen, Columbus Grove  
Mary Jo Modica, Lima  
Danny Leonard Moranz, Cleveland  
Karen Marie O'Hern, Cincinnati  
Penny Anne Rall, Lakewood

Anne Marie Rawlings, Fairview Park  
Marty Dale Resnik, Cleveland  
Cheryl Anne Rosa, Hudson  
Valerie Kathleen Sarr, Madison  
Teresa Marie Senatore, Bellaire  
Teresa Ann Shepherd, Cleveland  
Patricia Ann Stalmah, Lakewood  
Durell Vincent Trago, Shelby  
Susan Lorraine Vandlik, Findlay

## College of Pharmacy

Dean: Albert H. Soloway

### Bachelor of Science in Pharmacy

Kimberley Benton Bevan, Columbus  
Valerie Beams Bookwalter, Fremont, Ind.  
Timothy Charles Hammond, Alliance  
James Robert Mariotti, Lowellville  
Carol Ann Quattrone, Steubenville  
James Rodney Schneider, Cincinnati  
Joseph Anthony Talarico, Yorkville

## College of Social Work

Dean: Robert O. Washington

### Bachelor of Science in Social Welfare

Jane Ann Asher, Wilmington

## Graduates with Honors

### With Distinction in Animal Science

Laura Parks Kiser

### With Distinction in Dairy Science

Charlsie Wagner Green

### With Distinction in Fisheries Management

Christopher Edwin Woodruff

### With Distinction in Natural Resources Development

Leonard Paul Black

Daniel Lee Edwards

### With Honors in the Liberal Arts

Mitchell Craig Schneider

## Cum Laude

Carol Steinbauer Adams

Pauline Morse Allen

David Eugene Barbee

Sherri L. Blank

William Connelly Brodegard

Cynthia Lee Butcher

Michael Fredrick Eler

Marjorie Lois Ewart

Evelyn Carol Fort

Douglas Gibson Gardner

Annette Marie Giere

Timothy Charles Hammond

Norman Eric Hanson

Bruce Alan Hartsough

Peggy Sue Hinton

Tamra Dawn Hockenberger

Daniel Lane Hood

Jeffrey Lee Horn

Victoria Lynn Howell

Danel John Hucko

Bonnie Ray Jones

Michael Anthony Kuharik

Carol Lee Matson

Joseph Stephen McCann

Mary Jo Modica

Susan Marie Nash

Guillermo F. Paganini

Penny Anne Rall

Paula Jo Rossler

Calvin Kenneth Taylor

Elisabeth C. von Carlowitz

Tami René Vordenberg

Jill Shirley Walker

Nancy Ellen Weisenbach

Susan Beth Welch

Carmelina Whitman

Douglas Brian Wileman

Lee Scott Zehentbauer

### Cum Laude with Distinction in Agricultural Economics

Steven Arthur Neff

### Cum Laude with Distinction in Environmental Education

Cheryl Ann Arnold

### Cum Laude with Distinction in Horticulture

Estelle Marie MacInnis

### Cum Laude with Distinction in Wildlife Management

Stuart Mason Helmtoller

## Summa Cum Laude

Cora Ann Baddorf

Robert Christopher Ball

Barbara Jo Ballinger

T. Frank Brown, Jr.

Anne Marie Bunstine

Judell Lee Butler

Elisabeth Ann Curry

Kathleen Harper

Michael J. Huels

Michael Lee Inscore

Matthew C. Johnson

David Myron Lineman

Jacquelyn Darlene Orebaugh

Bradley David Phillips

Mark Fukita

Max Kenneth Stotz

Suellen Kay Higgins Whiteside

Carol Ellen Wood

### Summa Cum Laude with Distinction in Horticulture

Vickie Darlene Hundley

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND SIXTY-SEVENTH MEETING  
OF THE BOARD OF TRUSTEES

Marion, Ohio, April 3, 1981

The Board of Trustees met at its regular monthly meeting on Friday, April 3, 1981, at Morrill Hall, The Ohio State University Marion Campus, Marion, Ohio, pursuant to adjournment.

Present: Chester Devenow, Chairman, Patricia D. James, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens, and Daniel M. Galbreath.

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Minutes of the last meeting were approved.

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April 3, 1981 meeting, Board of Trustees

### INTRODUCTORY COMMENTS BY PRESIDENT ENARSON

Mr. Chairman and Members of the Board, before I move into the formal agenda, I would like to say on behalf of our staff members who are here today and the faculty and staff that are not here today, and on behalf of the Board, how much we appreciate being here on the Marion Campus. This is an integral part of The Ohio State University. I think these annual visits to one of the regional campuses are extremely important, not only in the substantive terms--in terms of what we learn--but also in symbolic terms. I wish it were possible to come back--for the Board and the Administration to come back more often, but you must remember that this large house has many rooms in it, of which Marion is one.

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### RESOLUTIONS IN MEMORIAM

Resolution No. 81-95

*Synopsis: Resolutions honoring the service of three of this University's faculty members who have recently died are being proposed.*

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Galbreath, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Samuel P. Daykin

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 20, 1981, of Samuel P. Daykin, Associate Professor Emeritus of the College of Social Work.

Mr. Daykin was born May 8, 1911, in Taylorville, Illinois. He graduated from Taylorville Township High School in June 1928, from the University of Illinois in 1932 with a Bachelor of Arts degree in sociology, and from Washington University with a Master of Social Work degree in 1950. In 1956 he earned a Doctorate in Social Work from the same institution. He began his career with The Ohio State University in 1961 as an Associate Professor in the College of Social Work where he continued to serve until retirement in 1977.

Dr. Daykin's services at The Ohio State University were preceded by a distinguished career in the armed services. Retiring from the services as a Lieutenant Colonel, Dr. Daykin distinguished himself by meritorious service as Chief of Professional Services, 3320th Retraining Group, Amarillo Technical Training Center, Amarillo Air Force Base, Texas, from August 19, 1958 to September 15, 1960. He was cited for having "... imparted incomparable skill and professional training in the fields of social therapy, psychology and research and analysis. His exemplary devotion to duty enabled him to train and develop many inexperienced and untrained military and civilian personnel during his stay with the Retraining Group."



April 3, 1981 meeting, Board of Trustees

### RESOLUTIONS IN MEMORIAM (contd)

Samuel P. Daykin (contd)

As a member of the College of Social Work faculty, Professor Daykin devoted his research and teaching to the concerns of troubled youth and the cause and prevention of juvenile delinquency. He was one of the founders of the East Central Citizens Organization in Columbus. He was one of the first board members of Buckeye Boys' Ranch, and an honorary board member of SOS Children's Village, Inc., an international organization dedicated to helping orphans.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Daykin its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to Mrs. Daykin as sincere appreciation of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

James C. Harris

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 28, 1981, of James C. Harris, Associate Professor, Department of Physics.

Professor Harris received his Ph.D. degree from Rice Institute together with the Wilson Award for outstanding research, in 1948. He then pursued postdoctoral studies in nuclear physics and chemistry at the College de France, before joining the faculty of The Ohio State University Department of Physics in 1950.

Professor Harris contributed to the early development of a strong nuclear physics research group at the University, and undergraduates and graduate students alike profited from his teaching.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Ruth Townsend Lehman

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 20, 1981, of Ruth Townsend Lehman, Professor Emeritus, Department of Home Economics Education in the School of Home Economics.

Dr. Lehman was born in Lenox, Iowa, on April 20, 1895. She received an A.B. degree in home economics from the University of Illinois at Urbana in 1918, the M.A. degree in home economics education in 1923, and the Ph.D. degree in education in 1945, both from the University of Chicago.

April 3, 1981 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Ruth Townsend Lehman (contd)

Dr. Lehman taught home economics in high school at Waterman, Illinois, and junior high at Elkhart, Indiana, from 1918-1919. She was an Instructor at Simmons College, Boston, Massachusetts, from 1919-1922 and then taught foods and home economics education at the University of Chicago from 1923-1928. In 1928, she was an Assistant Professor in home economics education in conjunction with the State Department of Vocational Education at the University of Arizona and was promoted to Associate Professor in 1930. She then accepted a position as Professor and Head of the Department of Home Economics at North Texas State Teachers College, Denton, Texas, from 1932-1937.

Dr. Lehman came to The Ohio State University on September 22, 1937 as an Associate Professor in home economics education and was promoted to Professor in 1946, having served 28 years until her retirement June 30, 1965. She had served as Chairman of the Graduate Committee in the School as well as various state and national committees of the American and Ohio Home Economics Associations and American Vocational Association. Her articles appeared in the *Journal of Home Economics*, *The School Review*, and *Review of Educational Research*.

Dr. Lehman was awarded the Ellen H. Richards Fellowship for 1936-1937 by the American Home Economics Association and the University of Chicago Fellowship in 1922-1923. She was a member of Omicron Nu, Pi Lambda Theta, and Kappa Delta Pi.

She was an effective researcher and teacher and nationally known as an able person in the field of evaluation. She was an inspirational leader and made a major contribution to group thinking as well as individual development. She was creative, challenging, and demanded high academic standards of herself and her students.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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## COLLEGE OF LAW - CHANGE IN ADMISSION POLICY

Resolution No. 81-96

*Synopsis: Change in admission policy for College of Law is being proposed.*

WHEREAS this Board at its June 1976 meeting adopted a policy providing "that all graduate professional programs require an interview as part of the admission process"; and

WHEREAS the College of Law has found this requirement to be costly to the College and to applicants who must travel to Columbus to be interviewed; and

April 3, 1981 meeting, Board of Trustees

**COLLEGE OF LAW - CHANGE IN ADMISSION POLICY (contd)**

WHEREAS the College of Law believes that it can identify those situations in which an interview would be useful; and

WHEREAS the College of Law has requested that the policy as it applies to that College be modified:

NOW THEREFORE

BE IT RESOLVED, That it shall be the policy of the College of Law (1) to conduct an on-site interview with any applicant who requests it; (2) to conduct an on-site interview with any applicant for whom the Admissions Committee of the College believes that the interview might elicit significant information.

Upon motion of Mr. Hilliker, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES  
AND RULES OF THE UNIVERSITY FACULTY**

Resolution No. 81-97

*Synopsis: Changes in Bylaws of the Board of Trustees and Rules of the University Faculty are proposed.*

WHEREAS the Vice President for Health Sciences has made recommendations regarding the operation and organization of the health sciences area, including the addition of new rules and amendments to existing rules in order to incorporate references to the health sciences area within the *Bylaws of the Board of Trustees* and *Rules of the University Faculty*; and

WHEREAS pursuant to rule 3335-1-09 of the Administrative Code and upon the recommendation of the President, the rules as enumerated below with suggested amendments are:

**3335-1-03 Administration of the university.**

Paragraph (L) reflects changes in the areas of responsibility of the vice president for health sciences, paragraph (S) gives the vice president for health sciences representation on the council of deans, and paragraph (V) reflects new rule establishing health sciences council.

**3335-3-12 Vice president for health sciences.**

Paragraph (B) reflects changes in the areas of responsibility for the vice president for health sciences.

April 3, 1981 meeting, Board of Trustees

**AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES  
AND RULES OF THE UNIVERSITY FACULTY (contd)**

3335-3-22 Council of deans.

Paragraph (A) gives the vice president for health sciences representation on the council of deans.

3335-3-29 Deans of the colleges.

Paragraph (B) (4) requires the deans of the colleges of the health sciences to make recommendations to the vice president for health sciences for matters within his jurisdiction concerning budget, appointment, and promotion to accomplish appropriate coordination.

3335-5-481 Health sciences council.

New rule to establish health sciences council.

**NOW THEREFORE**

BE IT RESOLVED, That the foregoing amendments to the *Bylaws of the Board of Trustees* and *Rules of the University Faculty* be adopted by the Board of Trustees for inclusion in the next publication of this document.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

**BYLAW**

3335-1-03 Administration of the university.

- (L) Vice president for health sciences. The major area of responsibility and authority of the vice president for health sciences shall be that of the health sciences at the university. Without limiting the generality of the foregoing, the vice president for health sciences shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for the administration of: the colleges of dentistry, medicine, optometry, pharmacy, and veterinary medicine, and their clinics, schools, and hospitals, including such other supporting services and facilities as the health sciences library; laboratory research animal program; comprehensive cancer center; radiation safety; health sciences audio-visual and TV center; mental retardation center; center for continuing health sciences education; agreements and cooperative arrangements with various regional and governmental hospitals, and such other health sciences programs as may be established. The vice president for health sciences will coordinate academic programs and appointments with the office of the provost and nonacademic budgets and personnel matters with the offices of the vice presidents for personnel services and finance and planning.

April 3, 1981 meeting, Board of Trustees

**AMENDMENTS TO *BYLAWS OF THE BOARD OF TRUSTEES*  
*AND RULES OF THE UNIVERSITY FACULTY* (contd)**

**BYLAW (contd)**

**(S) Council of deans.**

- (1) The president of the university, the provost, the vice president for health sciences, the deans of the colleges, the associate provost for instruction, the vice provost for research and dean of the graduate school, and the vice provost for arts and sciences shall comprise the council of deans of the university. The president shall be chairman of the council, the provost shall be vice chairman, and the provost's designee shall serve as secretary. In the temporary absence of the president, the duties of the presiding officer shall be assumed by the provost.
- (2) The council of deans shall meet on the call of the chairman. The council of deans shall serve as an advisory council to the president.

**(V) Health sciences council.**

- (1) The vice president for the health sciences, the dean of the college of dentistry, the dean of the college of medicine, the dean of the college of optometry, the dean of the college of pharmacy, the dean of the college of veterinary medicine, the director of the school of allied medical professions, the director of the school of nursing, the director of university hospitals, and such other members from the health sciences as the vice president for health sciences may select from time to time shall comprise the health sciences council. The provost shall be a member, ex officio. The vice president for health sciences shall be chairman of the council and will designate a vice chairman and secretary.
- (2) The health sciences council shall meet at the call of the chairman. The health sciences council shall serve as an advisory body to the vice president for health sciences.

**RULES**

**3335-3-12 Vice president for health sciences.\***

- (A) The vice president for health sciences shall be the executive head of the office of health sciences.
- (B) The major area of responsibility and authority of the vice president for health sciences shall be that of the health sciences at the university. Without limiting the generality of the foregoing, the vice president for health sciences shall, under the direction of the president and with the approval of the board of trustees, be

**\* Rule initiated by board of trustees.**

April 3, 1981 meeting, Board of Trustees

**AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES  
AND RULES OF THE UNIVERSITY FACULTY (contd)**

**RULES (contd)**

responsible and have the requisite authority for the administration of: the colleges of dentistry, medicine, optometry, pharmacy, and veterinary medicine, and their clinics, schools, and hospitals, including such other supporting services and facilities as the health sciences library; laboratory research animal program; comprehensive cancer center; radiation safety; health sciences audio-visual and TV center; mental retardation center; center for continuing health sciences education; agreements and cooperative arrangements with various regional and governmental hospitals, and such other health sciences programs as may be established. The vice president for health sciences will coordinate academic programs and appointments with the office of the provost and nonacademic budgets and personnel matters with the offices of the vice presidents for personnel services and finance and planning.

- (C) The principal administrative officials in the office of health sciences shall be the deans of dentistry, medicine, optometry, pharmacy, and veterinary medicine; the chief administrators of university hospitals and the veterinary hospital; associate vice president and/or assistant vice presidents; and such other associates as may be authorized from time to time. (B/T 7/12/74, B/T 4/6/79, B/T 11/7/80, B/T 4/3/81)

**3335-3-22 Council of deans.\***

- (A) The president of the university, the provost, the vice president for health sciences, the deans of the colleges, the associate provost for instruction, the vice provost for research and dean of the graduate school, and the vice provost for arts and sciences shall comprise the council of deans of the university. The president shall be chairman of the council, the provost shall be vice chairman, and the provost's designee shall serve as secretary. In the temporary absence of the president, the duties of the presiding officer shall be assumed by the provost.
- (B) The council of deans shall meet on the call of the chairman. The council of deans shall serve as an advisory council to the president. (B/T 10/5/73, B/T 2/2/79, B/T 4/3/81)

**3335-3-29 Deans of the colleges.\***

- (B) The major responsibility of the dean of each college shall be that of providing active leadership in the promotion, direction and support of educational and research activities of the university, in the maintenance of a high level of morale among the faculty, and in the encouragement of the spirit of learning among the students. In addition he shall have general administrative responsibility for the program of the college, subject to the approval of the president and the board of trustees. These administrative responsibilities shall include the duty:

\* Rule initiated by board of trustees.

April 3, 1981 meeting, Board of Trustees

**AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES  
AND RULES OF THE UNIVERSITY FACULTY (contd)**

**RULES (contd)**

- (4) After consultation with the chairmen of the departments and the directors of the schools within the college to make recommendations to the provost concerning the college budget, the appointments to and promotions within the staff and the membership of the college faculty. Whenever his recommendations involve the appointment or promotion in rank of faculty members offering graduate work or acting as advisers to graduate students, the dean of a college shall consult with the vice provost for research and dean of the graduate school (see paragraph (B) of rule 3335-3-31 of the Administrative Code). All recommendations by the deans of the colleges of the health sciences will be made to the vice president for health sciences who will accomplish the appropriate coordination.

3335-5-481 Health sciences council.\*

- (A) The vice president for the health sciences, the dean of the college of dentistry, the dean of the college of medicine, the dean of the college of optometry, the dean of the college of pharmacy, the dean of the college of veterinary medicine, the director of the school of allied medical professions, the director of the school of nursing, the director of university hospitals, and such other members from the health sciences as the vice president for health sciences may select from time to time shall comprise the health sciences council. The provost shall be a member, ex officio. The vice president for health sciences shall be chairman of the council and will designate a vice chairman and secretary.
- (B) The health sciences council shall meet at the call of the chairman. The health sciences council shall serve as an advisory body to the vice president for health sciences. (B/T 4/3/81)

\* Rule initiated by board of trustees.

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**UNIVERSITY HOSPITALS BOARD**

Resolution No. 81-98

*Synopsis: Confirmation and approval of nominees to the University Hospitals Board is proposed.*

WHEREAS the Board of Trustees on November 30, 1979 approved the establishment of a University Hospitals Board; and

WHEREAS the membership of the Board was approved on April 4, 1980; and

April 3, 1981 meeting, Board of Trustees

**UNIVERSITY HOSPITALS BOARD (contd)**

WHEREAS it was stipulated that "The Hospitals Board shall be comprised of three members of the University Board of Trustees and twelve other persons, selected from the general public who shall be appointed by the University Board of Trustees in consultation with the President"; and

WHEREAS the present terms of four members selected from the general public and the terms of the three members from the University Board of Trustees expire on April 30, 1981:

**NOW THEREFORE**

BE IT RESOLVED, That the following nominees be approved as general public members of the University Hospitals Board for a term of three years, effective May 1, 1981:

Robert M. Duncan  
Josephine S. Failer  
Morris S. Rosenblum, M.D.  
Wilbur W. Jones

and

BE IT FURTHER RESOLVED, That the following three members of the University Board of Trustees be confirmed for membership on the University Hospitals Board for the term, May 1, 1981 through April 30, 1982:

Daniel M. Galbreath  
D. James Hilliker  
Edmund C. Redman

Upon motion of Dr. Jacob, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**PERSONNEL ACTIONS**

Resolution No. 81-99

*Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Reappointment of Chairmen of Departments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles are recommended for approval.*

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the March 6, 1981 meeting of the Board, including the following Reappointment of Chairmen of Departments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles as detailed in the University Budget, be approved.



April 3, 1981 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Reappointment of Chairmen of Departments

July 1, 1981 through June 30, 1985

Zoology  
Poultry Science

John Crites  
Edward C. Naber

#### Leaves of Absence Without Salary

D. LYNN FORSTER, Associate Professor, Department of Agricultural Economics and Rural Sociology, effective September 1, 1981 through December 31, 1981, to work at the Forster Farms, Inc., in Indiana.

MARY A. MCILROY, Assistant Professor, Department of Pediatrics, effective February 1, 1981 through March 31, 1981, for personal reasons.

ANN ELIZABETH SMITH, Instructor, University Libraries, effective April 15, 1981 through September 15, 1981, for personal reasons.

#### Professional Improvement Leaves

VERA J. BLAINE, Professor, Department of Dance, effective Spring Quarter 1982.

DARYLE H. BUSCH, Professor, Department of Chemistry, effective Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

ALLAN M. BURKMAN, Professor, College of Pharmacy (Division of Pharmacology), effective Autumn Quarter 1981, Winter Quarter 1982, Spring Quarter 1982, and Summer Quarter 1982.

REINHART F. H. BUTTER, Professor, Department of Industrial Design, effective Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

PETER COSTANZA, Professor, School of Music, effective Winter Quarter 1982.

SIMON DINITZ, Professor, Department of Sociology, effective Winter Quarter 1982 and Spring Quarter 1982.

DAVID O. EDWARDS, Professor, Department of Physics, effective Winter Quarter 1982 and Spring Quarter 1982.

JAMES C. GARLAND, Professor, Department of Physics, effective Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

ALFRED S. GOLDING, Professor, Department of Theatre, effective Winter Quarter 1982.

E. F. HEBNER, Professor, Department of Art, effective Winter Quarter 1982.

April 3, 1981 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Professional Improvement Leaves (contd)

ROSCOE C. HINKLE, Professor, Department of Sociology, effective Winter Quarter 1982 and Spring Quarter 1982.

WILLIAM B. JOHNSON, Professor, Department of Mathematics, effective Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

JULIUS P. KREIER, Professor, Department of Microbiology, effective Summer Quarter 1981.

BIBB LATANE, Professor, Department of Psychology, effective Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

KENNETH MARANTZ, Professor and Chairman, Department of Art Education, effective Autumn Quarter 1981 and Winter Quarter 1982.

DEVON W. MEEK, Professor, Department of Chemistry, effective Summer Quarter 1981, Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

RICHARD L. RUDY, Professor, Department of Veterinary Clinical Sciences, effective Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

H. YUAN TIEN, Professor, Department of Sociology, effective Autumn Quarter 1981 and Winter Quarter 1982.

FRANCIS E. WALKER, Professor, Department of Agricultural Economics and Rural Sociology, effective Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

GORDON WILSON, Professor, School of Music, effective Spring Quarter 1982.

ODETTE BLUM, Associate Professor, Department of Dance, effective Winter Quarter 1982.

KATHERINE H. BURKMAN, Associate Professor, Department of English, effective Winter Quarter 1982 and Spring Quarter 1982.

DANIEL Z. CZAMANSKI, Associate Professor, Department of City and Regional Planning, effective Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

RICHARD L. MCCREERY, Associate Professor, Department of Chemistry, effective Summer Quarter 1981 and Autumn Quarter 1981.

ANTHONY E. PETRARCA, Associate Professor, Department of Computer and Information Science, effective Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

April 3, 1981 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Professional Improvement Leaves (contd)

JACK A. RALL, Associate Professor, Department of Physiology, effective Summer Quarter 1981, Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

LARRY SHINEMAN, Associate Professor, Department of Art, effective Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

JIM G. POLSON, Assistant Professor, Cooperative Extension Service, effective Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

#### Emeritus Titles

ROBERT P. HOLDSWORTH, JR., Department of Entomology, with the title Professor Emeritus, effective April 1, 1981.

FRED A. ZIMMER, Department of Industrial Design, with the title Professor Emeritus, effective July 1, 1981.

Upon motion of Mr. Smith, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 81-100

*Synopsis: The reports on contracts, grants, and gifts and the summary for February are presented for Board acceptance.*

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through the The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

#### NOW THEREFORE

BE IT RESOLVED, That the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund during the month of February 1981, be approved.

Upon motion of Mr. Galbreath, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

April 3, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**SUMMARY FOR FEBRUARY 1981**

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	76	\$10,138,652.40
Engineering Experiment Station	26	295,628.00
		\$10,434,280.40

**The Ohio State University Development Fund**

**Establishment of Named Funds**

College of Dentistry Advancement Endowment Fund (College of Dentistry)	\$ 113,558.00
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The Sara Jane Pyne Memorial Scholarship Fund in the Visual Arts (Departments of Art, Art Education, History of Art, or Industrial Design)	\$ 100,000.00
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The Charles W. Durfey Memorial Scholarship Fund in Journalism (School of Journalism)	\$ 6,762.00
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Intercollegiate Livestock Evaluation Team Endowment Fund (Department of Animal Science)	\$ 5,000.00
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Medina County Scholarship Fund (Undergraduate students from Medina County)	\$ 4,572.72
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**Report from Presidents Club**

Members to date	4,459
1981: year to date	23
New members - February 1981	6

**New Presidents Club Members - February 1981**

Michael R. Becker	Jeffrey P. O'Connor
Robert L. Karlsberger	Robert E. Schaefer
Robert W. Miller	Kathleen Maher Zouhary

April 3, 1981 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

#### Federal Research Contracts/Grants

\$5,500,000.00 - Department of Education, Washington, D. C., The National Center for Research in Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 February 1981 through 31 January 1982. (Project 761008 - Continuation)

\$472,787.00 - Environmental Protection Agency, Washington, D. C., Development of a Tissue Selective Bioassay for Environmental Agents Procuring DNA Damage, Department of Veterinary Pathobiology (A. Koestner), Department of Radiology (A. K. Freimanis), and Departments of Radiology and Pharmacology (S. M. D'Ambrosio), 26 December 1980 through 25 December 1981. (Project 761447 - Continuation)

\$117,314.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Chemical Carcinogen Induced Neoplastic Transformation, Departments of Physiological Chemistry and Veterinary Pathobiology (G. E. Milo), 1 January 1981 through 31 December 1981. (Project 761756 - Continuation)

\$111,372.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Development and Use of Anucleated Bacterial Cells to Assay the *In Vivo* Activity of Pollutants, Department of Microbiology (J. N. Reeve), 1 April 1981 through 31 March 1982. (Project 762592 - New)

\$110,253.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Chemical Cocarcinogenesis in the Rat: Gene Activation, Department of Microbiology (P. C. Kimball), 1 February 1981 through 31 January 1982. (Project 762573 - New)

\$99,800.00 - Argonne National Laboratory, Argonne, Illinois, Development of Extended Capabilities for Computer Simulation for Landfill Methane Recovery, Department of Civil Engineering (C. A. Moore), 19 January 1981 through 30 September 1981. (Project 762542 - Continuation)

\$92,000.00 - National Science Foundation, Washington, D. C., Liquid Helium at Low Temperatures, Department of Physics (D. O. Edwards), 1 April 1981 through 31 March 1982. (Project 761582 - Continuation)

\$87,809.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Characterization of the Chemical Constitution and Profile of Pharmacological Activity of PGB<sub>x</sub>, College of Pharmacy (R. W. Doskotch, A. M. Burkman, and D. D. Miller), 1 January 1981 through 31 December 1981. (Project 761474 - Continuation)

April 3, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$81,000.00 - Department of Education, Office of Special Education, Office of Procurement and Assistance Management, Washington, D. C., Handicapped Pre-Service Personnel Preparation, School of Health, Physical Education, and Recreation (W. F. Ersing), 1 June 1981 through 31 May 1982. (Project 762175 - Continuation)

\$80,000.00 - Department of Health and Human Services, Office of Human Development Services, Administration for Children, Youth and Families, Washington, D. C., Identification, Management and Prevention of Child Abuse and Neglect in Residential Facilities, College of Social Work (N. Rindfleisch), 1 January 1981 through 31 December 1981. (Project 762019 - Continuation)

\$78,819.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Identification of Essential Genes for HSV DNA Synthesis, Department of Medical Microbiology and Immunology (D. S. Parris), 1 March 1981 through 28 February 1982. (Project 762587 - New)

\$69,484.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Drug Abuse, Rockville, Maryland, Amphetamine: Effects on Muscle Contraction and Endurance, College of Pharmacy (M. C. Gerald), 1 February 1981 through 31 January 1982. (Project 764488 - Continuation)

\$63,000.00 - Department of Energy, Chicago Operations and Regional Office, Argonne, Illinois, Development and Optimization of Methodologies for Analysis of Complex Hydrocarbon Mixtures, Department of Chemistry (R. J. Laub), 1 January 1981 through 31 December 1981. (Project 761982 - Continuation)

\$62,694.00 - National Endowment for the Humanities, Washington, D. C., Rhetoric and Public Discourse, Department of English (E. P. Corbett), 1 January 1981 through 31 December 1981. (Project 762527 - Continuation)

\$62,199.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Pathogenesis of Preleukemic Aplastic Anemia, Department of Veterinary Pathobiology (E. A. Hoover), 1 January 1981 through 31 December 1981. (Project 761704 - Continuation)

\$61,999.00 - National Science Foundation, Washington, D. C., Verification of Constitutive Relations for Silage Through Full-Scale Silo Measurements, Department of Civil Engineering (A. G. Bishara), 1 December 1980 through 30 November 1981. (Project 761960 - Continuation)

April 3, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$60,581.00 - Department of Energy, Chicago Operations and Regional Office, Argonne, Illinois, Kinetics of Fast Reactions of Excited Species, Department of Chemistry (R. F. Firestone), 1 December 1980 through 30 November 1981. (Project 760022 - Continuation)

\$60,000.00 - National Science Foundation, Washington, D. C., Superfluid Turbulence, Department of Physics (J. T. Tough), 1 March 1981 through 28 February 1982. (Project 762023 - Continuation)

\$59,459.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Experimentally Induced Muroid Enteritis, Department of Veterinary Preventive Medicine (S. Targowski), 1 March 1981 through 28 February 1982. (Project 762041 - Continuation)

\$59,000.00 - National Science Foundation, Washington, D. C., Chemistry and Spectroscopy of High Energy Intermediates, Department of Chemistry (M. S. Platz), 1 June 1981 through 30 November 1981. (Project 761654 - Continuation)

\$58,586.00 - National Endowment for the Humanities, Washington, D. C., American Folklife and Literature, Department of English (P. B. Mullen), 1 January 1981 through 31 December 1981. (Project 762528 - New)

\$49,000.00 - National Science Foundation, Washington, D. C., Spectroscopic Studies of Active Galaxies and Quasi-Stellar Objects, Department of Astronomy (B. M. Peterson and C. B. Foltz), 1 January 1981 through 31 December 1981. (Project 762574 - New)

\$47,836.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Immunologic Aspects of Legionellosis, Department of Medicine (J. F. Plouffe), 1 February 1981 through 31 January 1982. (Project 762577 - New)

\$43,978.00 - National Science Foundation, Washington, D. C., Toward More Complicated Computer Imagery, Department of Computer and Information Science (F. C. Crow), 1 February 1981 through 31 January 1982. (Project 762017 - New)

\$42,277.00 - National Science Foundation, Washington, D. C., Student Science Training Program, Department of Mathematics (T. G. Railey), 15 January 1981 through 31 August 1982. (Project 762571 - Continuation)

April 3, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$40,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Utilization of Range and Range-Difference Observations in Geodynamics, Department of Geodetic Science (I. I. Mueller), 19 April 1981 through 18 April 1982. (Project 761882 - Continuation)

\$39,418.00 - National Science Foundation, Washington, D. C., Photogrammetric Investigation of Byrd Glacier Surface Lowering, Institute of Polar Studies (D. H. Elliot and H. H. Brecher), 1 January 1981 through 31 December 1981. (Project 762567 - New)

\$39,228.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Improvement of Knowledge Regarding the Earth's Gravity Field from Terrestrial and Satellite Data, Department of Geodetic Science (R. H. Rapp), 1 March 1981 through 28 February 1982. (Project 760056 - Continuation)

\$38,680.00 - National Science Foundation, Washington, D. C., Diffractive Spectroelectrochemistry, Department of Chemistry (R. L. McCreery), 1 March 1981 through 28 February 1982. (Project 761560 - Continuation)

\$37,421.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Preliminary Development of a Pedestrian Dummy Thorax and Thoracic Simulator, Department of Mechanical Engineering (D. A. Guenther), 10 February 1981 through 30 September 1981. (Project 762594 - New)

\$33,677.00 - Department of the Army, Huntington District, Corps of Engineers, Huntington, West Virginia, Muskingum River Basin Survey, Ohio Biological Survey (C. C. King) and Department of Zoology (D. H. Stansbery and T. M. Cavender), 12 February 1981 through 30 June 1981. (Project 762582 - New)

\$33,158.00 - National Science Foundation, Washington, D. C., Late Cretaceous and Early Tertiary Biogeography of the Southern Circum-Pacific, Institute of Polar Studies (D. H. Elliot and W. J. Zinsmeister), 1 August 1981 through 30 June 1982. (Project 762348 - Continuation)

\$32,000.00 - Department of Education, Office of Procurement and Assistance Management, Washington, D. C., Special Education Component in University Affiliated Facility, Nisonger Center for Mental Retardation (V. Cotter), 1 June 1981 through 31 May 1982. (Project 762209 - Continuation)

\$30,000.00 - National Science Foundation, Washington, D. C., Test of Conflicting Hypotheses on the Cenozoic Glaciation of the Transantarctic Mountains, Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (G. Faure), 1 August 1981 through 30 June 1982. (Project 762369 - Continuation)



April 3, 1981 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **Federal Research Contracts/Grants (contd)**

\$19,987.00 - National Science Foundation, Washington, D. C., Genesis of Mineralization Associated with Andean Intrusions, Northern Antarctic Peninsula Region, Institute of Polar Studies and Department of Geology and Mineralogy (D. E. Pride), 1 October 1981 through 30 September 1982. (Project 761769 - Continuation)

\$19,611.00 - National Science Foundation, Washington, D. C., Pre-College Teacher Development in Science, Department of Mathematics (J. R. Leitzel), 6 February 1981 through 31 January 1982. (Project 762586 - New)

\$18,000.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Comparison of Models Simulating Occupant Response in Airbags, Department of Mechanical Engineering (J. A. Charles), 1 March 1981 through 31 December 1981. (Project 762595 - New)

\$17,272.00 - National Science Foundation, Washington, D. C., Geometry of Nuclear Spaces, Department of Mathematics (B. Mityagin) 1 July 1981 through 30 June 1982. (Project 762079 - Continuation)

\$9,999.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, D. C., Optical Information for Egomotion: Parameters for Psychophysical Investigation, Department of Psychology (D. Owen and R. Warren), 1 March 1981 through 30 November 1981. (Project 762591 - New)

\$9,023.00 - Department of Education, Office of Special Education, Washington, D. C., The Relationship of Self Injurious Behavior to Age Cognitive Functioning, Interpersonal Behaviors and Events: Naturalistic Study of Developmentally Delayed Children, Department of Psychology (H. Angelino), 1 January 1981 through 30 September 1981. (Project 762569 - New)

\$8,782.00 - National Science Foundation, Washington, D. C., Stratigraphy and Sedimentary Petrology of the Polarstar Formation, Ellsworth Mountains, Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (J. W. Collinson), 1 August 1981 through 30 June 1982. (Project 761770 - Continuation)

\$7,883.00 - Environmental Protection Agency, Chicago, Illinois, Lake Erie Monitoring Program: Main Lake Water Quality and Cladophora, Center for Lake Erie Area Research (C. E. Herdendorf) and Department of Civil Engineering (R. C. Stiefel), 1 July 1980 through 30 June 1981. (Project 762280 - Continuation)

April 3, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$7,128.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Studies on the *In Vivo* Growth of Staphylococci, Department of Medical Microbiology and Immunology (F. A. Kapral), 1 February 1981 through 31 May 1981. (Project 762330 - Continuation)

\$7,019.00 - Department of Labor, Bureau of International Labor Affairs, Washington, D. C., Technical Advisor to Government of Saudi Arabia, National Center for Research in Vocational Education (R. E. Taylor), 23 February 1981 through 31 March 1981. (Project 762588 - New)

\$6,000.00 - Federal Laboratories Consortium, Naval Weapons Center, China Lake, California, Technological Resources Applied to Commercial Enterprises (TRACE), Graduate School - Administration, Program for Energy Research, Education, and Public Service (R. E. Bailey), 17 December 1980 through 31 July 1981. (Project 762568 - New)

\$5,000.00 - Department of the Interior, Office of Water Research and Technology, Washington, D. C., Water Resources Center Annual Cooperative Program (FY 81), Engineering Experiment Station, Water Resources Center (R. C. Stiefel), Department of Zoology (D. A. Culver) and Department of Chemical Engineering (L. S. Fan), 1 October 1980 through 30 September 1981. (Project 762387 - Continuation)

\$3,000.00 - Sandia Laboratories, Albuquerque, New Mexico, Stress and Failure Evaluations Associated with Selected Coal Mine Pillar-Panel Configurations, Department of Engineering Mechanics (S. H. Advani and J. K. Lee), 20 February 1981 through 31 December 1981. (Project 762590 - Continuation)

\$1,988.00 - Department of the Interior, Geological Survey, Denver, Colorado, Pollen Stratigraphy and Treeline Fluctuations, Lake Emma, San Juan Mountains, Colorado, Institute of Polar Studies and Department of Zoology (P. A. Colinvaux) and Institute of Polar Studies (W. A. Mode), 1 October 1980 through 31 October 1980. (Project 762596 - New)

\$225.40 - National Science Foundation, Washington, D. C., Science Faculty Professional Development Program, School of Natural Resources (R. E. Roth), 5 January 1981 through 30 June 1981. (Project 762585 - New)

**TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS**

**\$8,095,746.40**

April 3, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**State of Ohio Research Contracts/Grants (contd)**

\$34,979.00 - State of Ohio, Department of Mental Retardation and Developmental Disabilities Planning Council, Columbus, Ohio, Deinstitutionalization Task Force, Nisonger Center for Mental Retardation (H. Leland), 1 February 1981 through 30 September 1981. (Project 762593 - New)

\$20,000.00 - Ohio Advisory Council for Vocational Education, Columbus, Ohio, Exemplary Program Policies and Practices for Adult Vocational Education, Department of Agricultural Education (L. E. Miller and L. Hedges), 1 February 1981 through 1 November 1981. (Project 762572 - New)

\$528.00 - State of Ohio, Department of Health, Columbus, Ohio, Comprehensive Adult Hemophilia Clinic, Department of Physical Medicine (R. Weber), 6 February 1981 through 30 June 1981. (Project 762262 - Continuation)

**TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS                      \$    55,507.00**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants**

\$445,480.00 - Ohio Farm Bureau Development Corporation, Columbus, Ohio, Monitoring Public Health and Animal Health on Farms Receiving Sludge, Department of Veterinary Preventive Medicine (C. R. Dorn), 1 October 1980 through 30 September 1982. (Project 760949 - Continuation)

\$365,421.00 - Ohio Farm Bureau Development Corporation, Columbus, Ohio, Sludge Disposal on Farm Lands: An Epidemiologic Evaluation of the Risk of Infection, Department of Medical Microbiology and Immunology (V. V. Hamparian and A. C. Ottolenghi), 1 October 1981 through 30 September 1982. (Project 760953 - Continuation)

\$316,862.00 - Battelle Memorial Institute, Office of Nuclear Waste Isolation, Columbus, Ohio, Experimental and Analytical Studies of the Thermal Aspects of Deep Geological Disposal of Commercial Nuclear Wastes, Department of Mechanical Engineering (R. N. Christensen), 1 October 1980 through 30 September 1981. (Project 761731 - Continuation)

\$262,028.00 - National Training Fund for the Sheet Metal and Air Conditioning Industry, Washington, D. C., National Training Fund University Center, National Center for Research in Vocational Education (R. E. Taylor), 1 October 1981 through 31 December 1982. (Project 762578 - Continuation)

\$125,000.00 - Control Data Corporation, Minneapolis, Minnesota, Analysis of Emerging Electronics - Related Occupations and Potential for CDC Program Development, National Center for Research in Vocational Education (R. E. Taylor), 1 January 1981 through 31 December 1981. (Project 762561 - New)

April 3, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$100,000.00 - Pfizer, Inc., Groton, Connecticut, Support for Facilities for Performing Clinical Pharmacology Studies, Department of Pharmacology (J. R. Bianchine), 1 October 1980 through 30 September 1981. (Project 760484 - Continuation)

\$91,625.00 - Martin Marietta Corporation, Denver, Colorado, Development of Computer Models for Large Reflectors, Department of Electrical Engineering, ElectroScience Laboratory (R. Rudduck), 21 January 1981 through 20 January 1982. (Project 762564 - New)

\$45,000.00 - Iowa State University - Ames Laboratory, Energy and Mineral Resources Research Institute, Ames, Iowa, Ultrasonic Scattering from Cracks, Department of Welding Engineering (L. Adler), 1 October 1980 through 30 September 1981. (Project 762511 - New)

\$43,000.00 - Iowa State University - Ames Laboratory, Energy and Mineral Resources Research Institute, Ames, Iowa, Elastic Wave Scattering by Flaws for Application in NDE, Department of Engineering Mechanics (V. V. Varadan and V. K. Varadan), 1 October 1980 through 30 September 1981. (Project 762502 - New)

\$30,000.00 - Rockwell International, North American Aircraft Division, Los Angeles, California, Radar Cross Section of Aircraft/Avionics Systems, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters and W. D. Burnside), 26 January 1981 through 1 April 1981. (Project 762563 - New)

\$29,937.00 - OCLC, Inc., Columbus, Ohio, Terminal Requirements for On-Line Catalogs in Libraries, University Libraries (W. J. Studer), 1 October 1980 through 30 November 1981. (Project 762570 - New)

\$26,082.00 - Westinghouse Electric Corporation, Pittsburgh, Pennsylvania, Westinghouse - Industry Services Division Electrical Service Technician and Skilled Craftsman Training Program, National Center for Research in Vocational Education (R. E. Taylor), 1 February 1981 through 31 May 1981. (Project 762562 - New)

\$24,350.00 - Muscular Dystrophy Association, New York, New York, Clinical Investigation of Duchenne Dystrophy, Department of Medicine (J. R. Mendell), 1 November 1980 through 30 June 1981. (Project 761360 - Continuation)

\$20,875.00 - Materials Technology Institute, Columbus, Ohio, Development of Controlled Hydrodynamic Techniques for Corrosion Testing, Department of Metallurgical Engineering (D. D. Macdonald), 1 January 1981 through 31 December 1981. (Project 762062 - Continuation)

April 3, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$17,550.00 - The Madison Local Schools, Mansfield, Ohio, Learning Styles - An Alternative for Achievement, Academic Faculty of Science and Mathematics Education (B. Thomson), 18 August 1980 through 30 September 1981. (Project 762584 - New)

\$12,385.00 - General Dynamics Corporation, Electric Boat Division, Groton, Connecticut, SSBN Subsystem Technology, Department of Mechanical Engineering (C. F. Sepsy), 1 February 1981 through 31 March 1981. (Project 762580 - New)

\$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Electrophysiologic Effects of Caffeine, Department of Medicine (S. F. Schaal and R. M. Greenberg), 1 July 1981 through 30 June 1982. (Project 762600 - New)

\$7,180.00 - Southeast Ohio Technical Education Consortium, Hocking Technical College, Nelsonville, Ohio, Contractual Agreement to Teach Certain Agricultural Courses for the Southeastern Ohio Technical Education Consortium, Cooperative Extension Service - State Operations (C. Cunningham) and Cooperative Extension Service - Field Operations (D. P. Miller and L. G. Sanford), 5 January 1981 through 31 March 1981. (Project 762583 - Continuation)

\$4,973.00 - National Training Fund for the Sheet Metal and Air Conditioning Industry, Washington, D. C., National Training Fund University Center Proposal, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 30 June 1980. (Project 761059 - Continuation)

\$3,564.00 - General Electric Foundation, Fairfield, Connecticut, Educators in Industry Workshop, Academic Faculty of Special Services (J. V. Wigtil), 1 October 1980 through 30 September 1981. (Project 762454 - Continuation)

\$1,987.00 - The Greater Cleveland Growth Association, Cleveland, Ohio, Lake Erie as an Industrial and Commercial Resource to the Greater Cleveland Area, Center for Lake Erie Area Research (J. M. Reutter), 1 February 1981 through 15 March 1981. (Project 762575 - New)

\$1,000.00 - Bergen Community College, Paramus, New Jersey, National Alliance for Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1980 through 30 June 1981. (Project 761599 - Continuation)

\$900.00 - National Governors' Association, Washington, D. C., Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 February 1981 through 30 April 1981. (Project 768033 - New)

April 3, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$200.00 - Trident Technical College, Charleston, South Carolina, and Milwaukee Technical College, Milwaukee, Wisconsin, National Postsecondary Alliance Membership Directory, National Center for Research in Vocational Education (R. E. Taylor), 1 January 1981 through 31 May 1981. (Project 761599 - Continuation)

<b>TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS</b>	<b>\$1,987,399.00</b>
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**ENGINEERING EXPERIMENT STATION**

**Industrial and Other Sponsored Research and Development**

\$125,041.00 - The Gas Research Institute, Chicago, Illinois, Location of Buried Pipe/Development of an Improved Terrascan Unit, Department of Electrical Engineering, ElectroScience Laboratory, January 26, 1981 through January 26, 1982. (EES 623/529623)

\$101,459.00 - The Gas Research Institute, Chicago, Illinois, Identification of Leaks Research, Department of Electrical Engineering, ElectroScience Laboratory, January 19, 1981 through January 19, 1982. (EES 622/529622)

\$25,000.00 - Gulf Research and Development, Pittsburgh, Pennsylvania, Stress Response Associated with Underground Coal Gasification, Department of Engineering Mechanics, March 1, 1981 through April 1, 1982. (EES 624/529624)

\$44,128.00 - various sponsors for 23 development projects under the direction of seven departments and research areas.

<b>TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH AND DEVELOPMENT</b>	<b>\$ 295,628.00</b>
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**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

**Gifts of \$5,000 or More**

\$114,000.00 - E. I. duPont de Nemours & Company, Wilmington, Delaware--\$20,000.00 for duPont Young Faculty Grant--Chemistry; \$20,000.00 for duPont Fund for Mechanical Engineering; \$14,000.00 for duPont Fund for Research in Chemistry; \$12,500.00 for duPont Occupational and Environmental Health Grant; \$12,000.00 for duPont Fund for Research in Chemical Engineering; \$12,000.00 for Affirmative Action Program in Engineering Fund; \$10,000.00 for duPont Young Faculty Grant; \$6,000.00 for Endowed Professorship in Plant Protection; \$4,000.00 for duPont Fund for Research in Electrical Engineering; and \$3,500.00 for duPont Business Grant.

April 3, 1981 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Gifts of \$5,000 or More (contd)**

\$50,000.00 - Hoffmann-LaRoche, Inc., Nutley, New Jersey, for Clinical Pharmacology Fund.

\$50,000.00 - The Kiplinger Foundation, Inc., Washington, D. C., for Willard M. Kiplinger Chair in Public Affairs Reporting.

\$44,930.00 - Burroughs Wellcome Company, Research Triangle Park, North Carolina, for Clinical Pharmacology Fund.

\$36,875.79 - Estate Under the Will of Lela B. Hardy, Los Angeles, California, for Society of Alumni and Friends of the School of Music Scholarship Fund.

\$36,110.00 - Pfizer, Inc., Groton, Connecticut--\$27,353.00 for Clinical Pharmacology Fund; \$5,000.00 for Pfizer Research Fellowship; and \$3,757.00 for Infectious Disease Research Fund.

\$30,000.00 - PPG Industries Foundation, Barberton, Ohio--\$20,000.00 for Capital Campaign--Chemical Engineering Fund and \$10,000.00 for Advanced Design Methods Laboratory--Mechanical Engineering.

\$21,737.53 - University Eye Surgeons, Inc., Columbus, Ohio (given in the name of Richard H. Keates, M.D.), for Eye Bank Fund.

\$16,476.25 - Eastman Kodak Company, Rochester, New York--\$10,000.00 for Eastman Kodak Company Fund in Chemistry; \$3,026.25 for Kodak Scholars Program in Engineering Fund; \$1,050.00 for Electrical Engineering Chairman's Discretionary Fund; \$900.00 for Department of Chemical Engineering Support Fund; \$600.00 for The ISE Advancement Fund; \$600.00 for I. G. Brenner Fund for Engineering; and \$300.00 for Department of Computer and Information Science Chairman's Discretionary Fund.

\$15,000.00 - The Merck Company Foundation, Rahway, New Jersey--\$10,000.00 for Medicine--Clinical Pharmacology Fund and \$5,000.00 for Animal Science Special Fund.

\$14,950.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for Samuel J. Roessler Memorial Fund.

\$12,815.19 - Estate Under the Will of Martha Ann Guinther, Marion, Ohio, for Dr. Bouroncle's Blood Research Fund.

\$10,180.33 - Phi Delta Kappa, Bloomington, Indiana, for Phi Delta Kappa Fund.

April 3, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$10,000.00 - A. H. Robins Company, Inc., Richmond, Virginia, for Menopausal Patient Follow-up Project.

\$7,988.00 - American Cyanamid Company, Pearl River, New York, for Gastro-intestinal Cancer Research Fund.

\$7,793.42 - Systems Associates, Inc., Columbus, Ohio (given in the name of Robert H. Herbst), for Cardiology Support Fund.

\$7,097.00 - American Hoechst Corporation, Somerville, New Jersey, for Infectious Disease Research Fund.

\$7,000.00 - Abbott Laboratories, North Chicago, Illinois, for Laboratory of Work Physiology.

\$6,323.14 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

\$6,000.00 - Rockwell International, Troy, Michigan, for Gear Dynamics and Gear Noise Research Laboratory Fund.

\$5,100.00 - American Foundation for Pharmaceutical Education, Fair Lawn, New Jersey, for American Foundation for Pharmaceutical Education Fellowship Fund.

\$5,000.00 - Conoco, Inc., Ponca City, Oklahoma, for M. S. Newman Professorship of Chemistry.

\$5,000.00 - Harris Foundation, Melbourne, Florida, for Electrical Engineering Chairman's Discretionary Fund.

\$5,000.00 - Hauck Manufacturing Company, Lebanon, Pennsylvania, for Mechanical Engineering Coal Combustion Laboratory Fund.

\$5,000.00 - Ohio Quarter Horse Association, Richwood, Ohio, for Ohio Quarter Horse Finley Farm Building Project.

\$5,000.00 - Ohio State University Alumni Association, Columbus, Ohio, for Frank J. Tate Scholarship in Journalism.

**Gift-in-Kind**

\$6,500.00 - Ryan Stormscope, Columbus, Ohio, Ryan Stormscope equipment and installation.



April 3, 1981 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds**

##### **College of Dentistry Advancement Endowment Fund**

The College of Dentistry Advancement Endowment Fund was established April 3, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund by alumni and friends of the College of Dentistry.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The principal and/or income is to be used to support and advance the College of Dentistry.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Dentistry.

##### **The Sara Jane Pyne Memorial Scholarship Fund in the Visual Arts**

The Sara Jane Pyne Memorial Scholarship Fund in the Visual Arts was established April 3, 1981, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Sara Jane Pyne, B.F.A. '41, of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used for scholarships and aid to students in the visual arts (Departments of Art, Art Education, History of Art, or Industrial Design) who have shown academic potential and/or need for financial assistance. Recipients of such scholarships or aid shall be selected by the Dean of the College of the Arts and Chairpersons from Visual Arts. For any academic year the number and dollar amount awarded annually under this program may be varied, as determined by the Dean of the College of the Arts in consultation with the Chairpersons from Visual Arts.

Should the need for this student aid cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for educational programs in the visual arts.

April 3, 1981 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### The Charles W. Durfey Memorial Scholarship Fund in Journalism

The Charles W. Durfey Memorial Scholarship Fund in Journalism was established April 3, 1981, by the Board of Trustees of The Ohio State University by gifts from the Scripps-Howard Foundation and from family and friends in memory of the late Charles W. Durfey, B.A. Jour. '75, and reporter, *Cincinnati Post* newspaper.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for a student(s) majoring in journalism and who show promise in reporting. To receive a scholarship, the student must be enrolled in the School of Journalism during the time the scholarship is awarded.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for journalism scholarships.

##### Intercollegiate Livestock Evaluation Team Endowment Fund

The Intercollegiate Livestock Evaluation Team Endowment Fund was established April 3, 1981, by the Board of Trustees of The Ohio State University with gifts from alumni and friends.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income will be used to provide support for The Ohio State University undergraduate student Livestock Evaluation Team to represent the University in regional and national intercollegiate contests and programs. Funds will be distributed by the chairman of the Department of Animal Science.

Should the need for these funds cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the appropriate administrative official of the University who is then directly responsible for the Department of Animal Science in the College of Agriculture and Home Economics.

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**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**Medina County Scholarship Fund**

The Medina County Scholarship Fund was established April 3, 1981, by the Board of Trustees of The Ohio State University with gifts from alumni and friends of Medina County to The Ohio State University Development Fund.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as the occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduate students from Medina County enrolled in The Ohio State University. The selection of the recipient is to be made by the University Committee on Student Financial Aids upon recommendation of a selection committee from the Medina County Alumni Club.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships and student financial aids.

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**EMPLOYMENT OF ARCHITECTS/ENGINEERS**

**EYE CENTER - UNIVERSITY CLINICS BUILDING**

Resolution No. 81-101

*Synopsis: Employment of engineer to conduct a feasibility study for the project, Eye Center - University Clinics Building, is being proposed.*

WHEREAS The Ohio State University Board of Trustees authorized the establishment of The Ohio State University College of Medicine Ophthalmologic Center through The Ohio State University Development Fund on October 11, 1967; and

WHEREAS the Department of Ophthalmology, within the College of Medicine, is in need of expanding to include an Eye Center; and

WHEREAS the Department is currently located on the fifth floor (top floor) of the University Clinics Building so that functionally it would be highly desirable to locate the Eye Center on a new floor above the present location; and

April 3, 1981 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECTS/ENGINEERS (contd)**

**EYE CENTER - UNIVERSITY CLINICS BUILDING (contd)**

WHEREAS it is proposed to engage an architectural firm to conduct a feasibility study related to adding a floor or floors to the Clinics Building with regard to such items as construction costs, building code requirements, heating, ventilating and air conditioning, vertical transportation, utilities, and other related problems; and

WHEREAS the University Hospitals Board endorsed the proposal to determine the feasibility of this addition at the meeting March 10, 1981:

NOW THEREFORE

BE IT RESOLVED, That the firm of Dan A. Carmichael, of Columbus, Ohio, architect for the original Clinics Building, be employed to make this feasibility study; and

BE IT FURTHER RESOLVED, That the fee for this service will be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total estimate for this study to be \$15,000 - \$20,000. Funds for this study will be provided from gift dollars contributed for this expressed purpose.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**MCCRACKEN POWER PLANT - COAL-FIRED BOILER**

Resolution No. 81-102

*Synopsis: Employment of engineering firm to perform preliminary engineering feasibility study for a coal-fired boiler installation in McCracken Power Plant.*

WHEREAS the University *Energy Master Plan, 1980-2000*, prepared by the Associate Vice President for Physical Facilities, recommends elimination of total dependency on natural gas and fuel oil by the addition of coal burning capability in McCracken Power Plant; and

WHEREAS the installation of such a coal-fired boiler plus needed rehabilitation of the existing boilers and plant are estimated to cost \$24.8 million with a payback period of approximately nine years resulting from the ability to use coal, a lower priced fuel:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Administration be authorized to select a qualified engineering firm to perform an engineering feasibility and preliminary design study for a coal boiler which can meet appropriate EPA standards and burn Ohio coal; and

April 3, 1981 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECTS/ENGINEERS (contd)**

**MCCRACKEN POWER PLANT - COAL-FIRED BOILER (contd)**

BE IT FURTHER RESOLVED, That the fee for this service be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works, with the estimate of cost for this preliminary engineering study to be \$100,000 from Budget Account 855159.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**MCCRACKEN POWER PLANT STEAM DISTRIBUTION  
SYSTEM ENERGY SAVINGS**

Resolution No. 81-103

*Synopsis: Employment of engineer to complete design for the McCracken Power Plant Steam Distribution System Energy Savings project which is one of the grant acceptance projects by the Federal Government; grant received in sum of \$250,000.*

WHEREAS The Ohio State University is constantly continuing energy management resulting in conservation; and

WHEREAS it is proposed to install a desuperheater in McCracken Power Plant to reduce temperature of steam distribution through the system, and to also install additional insulation on piping in selected areas in the five-mile tunnel system to further reduce heat losses; these modifications will substantially save dollars in energy costs and will have a two and one-half year payback:

NOW THEREFORE

BE IT RESOLVED, That the firm of Moulenbelt and Seifert, Consulting Engineers of Dayton, Ohio, be employed; and

BE IT FURTHER RESOLVED, That the fee for this service will be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total estimate for this engineering to be \$46,300.00. Funds for the engineering to be provided from Budget Account 885153.

Upon motion of Mr. Hilliker, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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April 3, 1981 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECTS/ENGINEERS (contd)**

**PARKING LOT MAINTENANCE, 1981 -  
PATCH, REPAIR AND SLURRY SEAL  
PATCH, REPAIR AND EMULSION SEAL COAT  
RESURFACING AND DRAINAGE MODIFICATIONS**

Resolution No. 81-104

*Synopsis: Employment of engineering firm to provide plans and specifications, surveys, inspections, necessary material and workmanship testing is proposed.*

WHEREAS due to weather and use deterioration, the parking lots in several areas on The Ohio State University Campus need maintenance repairs; and

WHEREAS it is proposed that an engineering firm be employed to provide complete engineering services, including plans and specifications, surveys, inspections, necessary material and workmanship testing:

NOW THEREFORE

BE IT RESOLVED, That the firm of Evans, Mechwart, Hambleton and Tilton, Inc., of Columbus, Ohio, be employed for these services; and

BE IT FURTHER RESOLVED, That the fee for these services be negotiated between the firm and the Department of Administrative Services, Division of Public Works, and the total estimated project cost of this maintenance project is \$440,000 of which funds will be provided for both engineering and construction from Budget Account 885071.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**PLANS AND SPECIFICATIONS**

Resolution No. 81-105

*Synopsis: Plans and specifications are being proposed for the following projects.*

WHEREAS at the request of the Vice President for Business and Administration, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following projects:

April 3, 1981 meeting, Board of Trustees

**PLANS AND SPECIFICATIONS (contd)**

**PARKING LOT MAINTENANCE, 1981 - RESURFACING  
AND DRAINAGE MODIFICATIONS**

**Project:** Resurfacing and drainage modifications will be accomplished for the following parking lots: French Field House, South Lot and Tuttle Park Lots 1 and 2, West of Neil Avenue. These modifications are needed due to deterioration.

**Funding:** Budget Account 885071

**Estimated Project Cost:** \$332,532.00

**ENERGY MODIFICATIONS, PHASE V, PROJECT "A" (FAWCETT CENTER  
FOR TOMORROW, FOUNDERS HALL, HEALTH SCIENCES LIBRARY)**

**Project:** Modifications to continue the ongoing energy conservation. Work will include modifications to existing centrifugal chiller in Fawcett Center which is estimated to save \$21,812.00 annually with a two-year four-month payback; replacement of existing 316 ton absorption chiller and electrical centrifugal chiller in Health Sciences Library with an estimated annual savings of \$25,000.00 with a three-year six-month payback; and system modifications in Founders Hall with a savings of \$25,000.00 annually and a one-year seven-month payback.

**Funding:** Budget Account 210134

**Estimated Project Cost:** \$199,700.00

**STADIUM DRIVE PAVEMENT REPAIRS**

**Project:** Due to deterioration, repairs will be made to sidewalks, curbs and pavement from Tuttle Park Place west to the Stadium Drive Bridge on Stadium Drive.

**Funding:** Budget Account 210134

**Estimated Project Cost:** \$160,000.00

**EXTERIOR PAINTING - 1981 (SEVEN BUILDINGS)**

**Project:** Exterior painting of all trim due to deterioration on Lazenby Hall, Ives Hall, Maintenance Building, ElectroScience Laboratory, Mendenhall Laboratory, Page Hall and Derby Hall.

**Funding:** Budget Account 885157

**Estimated Project Cost:** \$133,200.00

April 3, 1981 meeting, Board of Trustees

**PLANS AND SPECIFICATIONS (contd)**

**ENERGY MODIFICATIONS, PHASE V, PROJECT "B" (DREESE,  
ROBINSON, ST. JOHN ARENA AND SMITH LABORATORY)**

Project: New lighting, variable air volume work and installation of low leak dampers in Dreese, Robinson, St. John Arena and Smith Laboratory to continue energy modifications at The Ohio State University. The estimated annual savings will be \$30,000.00 per year in utility costs, with a four-year payback.

Funding: Budget Account 210134

Estimated Project Cost: \$121,300.00

**NEWTON HALL - REPLACEMENT OF FIREPROTECTIVE MATERIALS**

Project: Remove exposed fireproofing material and replace with non-asbestos fireproofing, encapsulate any residual asbestos to prevent fibers going into air. Areas include nurses' locker room, mechanical room, stairwells, walls, ceilings, on the ground floor, first and top floors of Newton Hall.

Funding: Budget Account 885152

Estimated Project Cost: \$110,000.00

**PARKING LOT MAINTENANCE, 1981 - PATCH, REPAIR AND EMULSION SEAL COAT**

Project: Patching, repairing and seal coating will be accomplished for the following parking lots: Women's Field House; Drackett (North of Curl Drive); Cunz Hall; Kinsman (Belmont and 10th Avenue); Goss Laboratory (South); Sisson (Northeast); Laundry and Printing Facility. These repairs are needed due to deterioration.

Funding: Budget Account 885071

Estimated Project Cost: \$60,740.00

**PARKING LOT MAINTENANCE, 1981 - PATCH, REPAIR AND SLURRY SEAL**

Project: Patch, repair and slurry seal work will be accomplished at the University Airport, Main Lot. These repairs are needed due to deterioration.

Funding: Budget Account 885071

Estimated Project Cost: \$56,728.00



April 3, 1981 meeting, Board of Trustees

**PLANS AND SPECIFICATIONS (contd)**

**ENERGY CONSERVATION MEASURES, FEDERAL DEPARTMENT  
OF ENERGY TITLE III GRANT - MAIN LIBRARY**

**Project:** Continued energy conservation modifications to reduce and revise lighting in various areas; provide temperature control sequences consisting of unoccupied cycle of control, reset mixed air controllers. Estimated yearly savings will be \$17,566.00 with a two-year ten-month payback.

**Funding:** Federal Grant - \$24,770.00  
Budget Account 885147 - \$24,770.00  
Total \$49,540.00

**Estimated Project Cost:** \$49,540.00

**OHIO UNION, EXTERIOR STEP REPAIRS**

**Project:** Replacement of existing deteriorated steps on east side of Ohio Union.

**Funding:** Budget Account 885149

**Estimated Project Cost:** \$30,625.00

**STADIUM DRIVE BRIDGE REPAIRS**

**Project:** Repair stone mortar joints, reinforce stone anchors and patch concrete arches due to deterioration. This area of repairs will be over the Olentangy River Road span of the bridge.

**Funding:** Budget Account 210134

**Estimated Project Cost:** \$30,000.00

**NOW THEREFORE**

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the projects listed above be approved and that the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for these projects and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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April 3, 1981 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACT AND  
ESTABLISHMENT OF CONTINGENCY FUND**

Resolution No. 81-106

*Synopsis: A contract has been awarded for the project listed below to the lowest and best bidder in accordance with University procedures.*

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Administration to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of a contract for the following project:

**CENTRAL CAMPUS ENERGY CONTROL CENTER - PHASE IV, PART 2**

Description: Continuation of the energy management programs for The Ohio State University. This project includes additional project work in various buildings which will expand the capability of the system and will be within design parameters for energy savings and communications originally established.

**Temperature Control Contract**

Date Received:	April 16, 1975*
Bids:	Alternate, unit price bids, and pricing procedures established when bids were received on Phase I, II and III of this project by the Department of Administrative Services, Division of Public Works.*
Estimate of Cost:	\$146,170.00*
Total Project Cost:	\$150,470.00*
Awarded to:	Johnson Controls, Inc. (Columbus, Ohio)*
Total Contingency Allowance:	\$ 4,300.00
Funding:	Budget Account 210134

\*Change orders will be processed by the Division of Public Works to include alternate bids, and unit price items applicable to the expansion of the scope of work on the Central Campus Energy Control Center.

**NOW THEREFORE**

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of a contract and the establishment of project funds for the project listed above are hereby reported.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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April 3, 1981 meeting, Board of Trustees

**AMENDMENT TO MANAGEMENT AGREEMENT WITH THE  
TRANSPORTATION RESEARCH BOARD OF OHIO**

Resolution No. 81-107

*Synopsis: Amendment to Management Agreement with the Transportation Research Board of Ohio (TRBO) is proposed.*

WHEREAS on June 11, 1979, OSU and TRBO entered into an Agreement for the management of the Transportation Research Center, East Liberty, Ohio, pursuant to Board of Trustees' Resolution No. 79-149; and

WHEREAS TRBO and Bank One Trust Company entered into a Trust Agreement for the sale of bonds to finance construction of crash test facilities at the Transportation Research Center; and

WHEREAS the Trust Agreement requires that the terms of the Management Agreement between OSU and TRBO be amended to subordinate payment of the OSU management fee to all operating and bond expenses; and

WHEREAS the accompanying amendment to the Management Agreement has been reviewed and approved by University legal counsel and appropriate University officials:

**NOW THEREFORE**

**BE IT RESOLVED**, That the President and/or Vice President for Business and Administration be authorized to sign and execute this amendment in accordance with established University procedures.

President Enarson called on Mr. Jackson to present again the Amendment to the Management Agreement even though it was presented to the Fiscal Affairs Committee and will be recommended by its Chairman.

Mr. Jackson:

In 1979 The Ohio State University entered into a management agreement with the Transportation Research Board of Ohio for managing the Center. One of the things that has happened since then was that the Transportation Research Board of Ohio has entered into an agreement with Bank One Trust Company for bonds to construct a crash facility. We have had up there for some years a crash simulator. This is an actual crash facility. Bonding was almost \$7 million dollars as a part of that agreement. In order to guarantee payment of those bonds, it was necessary to subordinate the management fee for the University. This is asking for your approval to amend our agreement with the Transportation Research Board to subordinate our management fee whereby it would be paid once-a-year within 90 days after the close of the year and should there not be sufficient funds would allow us to carry that forward as a receivable to future years. I would also add that if that should become a burden, there is the terms within the contract that we could cancel our management contract with the Research Board, so that I think there is not a long-term burden which would be insurmountable in the foreseeable future. Certainly I have every optimism that the facility in which it is constructed is going to add to the facility and certainly encourage the kind of work that was intended at the facility as it was to provide research capability for faculty and students at the University.

April 3, 1981 meeting, Board of Trustees

## **AMENDMENT TO MANAGEMENT AGREEMENT WITH THE TRANSPORTATION RESEARCH BOARD OF OHIO (contd)**

Mr. Havens:

Mr. Chairman, I would choose before you vote on this to say that I don't think I should vote. I am director of the parent Banc One, so I would choose not to vote on it.

Mr. Devenow: We'll record you as abstaining.

Mr. Galbreath: I think, Mr. Chairman, for the same reason, I should abstain also.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution with five affirmative votes and Messrs. Havens and Galbreath abstaining.

### **AMENDMENT TO MANAGEMENT AGREEMENT**

THIS AMENDMENT AGREEMENT, made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, to become effective on or before November 1, 1980, by and between the TRANSPORTATION RESEARCH BOARD OF OHIO (hereinafter referred to as "TRBO"), East Liberty, Ohio 43319, a body both corporate and politic of the State of Ohio created by the General Assembly in Chapter 5507 of the Ohio Revised Code, and THE OHIO STATE UNIVERSITY (hereinafter referred to as "OSU"), 205 Administration Building, 190 North Oval Mall, Columbus, Ohio 43210.

THIS AMENDMENT, is to a Management Agreement entered into on the 7th day of June, 1979, whereby the TRBO engaged the services of OSU as the managing agent for the Transportation Research Center.

That agreement, contained a provision whereby in Article II, Section 8, OSU was to receive One Dollar (\$1.00) per year as payment for the administration of this Agreement and in addition, thereto, to recover from the TRBO funds all its direct and indirect costs, expenses and payments incurred to perform its obligation under this Agreement.

Also, Article III of said Management Agreement indicated that OSU shall have no financial responsibility whatsoever for the operation, management, supervision or direction of the Transportation Research Center and the obligations established by local, state or federal rules, regulations and laws, including Chapter 5507, and all financial responsibility for these activities shall be provided by TRBO through the TRBO account(s). Subsequent to this Management Agreement the TRBO issued Six Million Eight Hundred Ninety Thousand Dollars (\$6,890,000) in bonds in order to finance a new crash test facility at the Center.

As part of the sale of these bonds a trust was created, effective November 1, 1980, whereby the revenues of the TRBO were pledged as security for the payment of said bonds, and the Trustee is granted authority to pay on a priority basis, first to the Operating and Maintenance Fund for the Transportation Research Center, second to the Bond Fund, third to the Incidental Income Fund, fourth to the Debt Service Reserve Fund and fifth to the Management Fee Fund, the sum of \$20,833 monthly, or such other monthly sum as the Authorized Board Representative shall from time to time direct, for the payment of management services as provided in Section 8.10 of the Indenture. Not earlier than ninety (90) days after the

April 3, 1981 meeting, Board of Trustees

**AMENDMENT TO MANAGEMENT AGREEMENT (contd)**

close of the Fiscal Year and not more frequently than annually, the Trustee shall, upon the written request of the Authorized Board Representative, distribute to the Managing Agent such sum as the Authorized Board Representative shall direct in payment of management services performed in preceding Fiscal Years. In the event there are insufficient funds in any Fiscal Year to cover payment of such management services, any deficiencies shall be carried over as an obligation due to the Managing Agent until all such management services are paid. The Management Agreement is further amended that: Upon the occurrence of an event of default, the Trustee may, and upon the written request of the holders of not less than twenty-five percent in aggregate principal amount of Bonds then outstanding shall, terminate the management contract and remove the Managing Agent employed thereunder to operate and perform management services at the Center, by giving notice to the Board and the Managing Agent, which notice shall be effective upon its receipt. Promptly upon the receipt of such notice, but in any case not less than 30 days thereafter, the Board shall select a successor Managing Agent, acceptable to the Trustee, and enter into a management contract in accordance with the provisions and limitations contained in Section 8.10 hereof.

OSU hereby acknowledges it has read and is familiar with the Trust Indenture entered into by the TRBO, and further that as Managing Agent for the TRBO it hereby agrees to comply with all the terms and provisions in said Indenture in the management and operation of the Transportation Research Center.

It is, therefore, agreed by and between OSU and TRBO that the Management Agreement, entered into by and between the parties on the 7th day of June 1979, is hereby amended to be consistent with the provision in the Trust Indenture, established by the Transportation Research Center of Ohio, dated November 1, 1980, and Bank One the Trustee, under such Trust Indenture, whereby OSU to the extent set forth in said Trust Indenture, agrees to subordinate their claim for management compensation and management reimbursement in accordance with said Indenture and that the Management Agreement is amended and modified to be consistent with the Trust Indenture.

IN WITNESS WHEREOF, the parties hereto have caused these presents to be executed to be effective as of the 1st day of November, 1980.

WITNESS:

THE TRANSPORTATION RESEARCH BOARD

\_\_\_\_\_  
BY: \_\_\_\_\_  
Its Chairman - George J. Arnold

\_\_\_\_\_  
ATTEST: \_\_\_\_\_

THE OHIO STATE UNIVERSITY

\_\_\_\_\_  
BY: \_\_\_\_\_  
Its Vice President for Business and Admin.  
Richard D. Jackson

\_\_\_\_\_  
ATTEST: \_\_\_\_\_

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April 3, 1981 meeting, Board of Trustees

## REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 81-108

RESOLVED, That the report on the University's Investment Portfolio, dated March 20, 1981, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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## REPORT - PRESIDENT ENARSON

I have several items to report. One is very simple. Spring has arrived at OSU in all areas of the campus. I walked around the hall this morning and I overheard the following comment by one of our OSU students. A young man talking to a young lady said, 'I'm going from bio to zoo-o; I'm scienced out.' I like to think that that's not true. In fact I'm confident that it is not true. In this great endless stream of human talent that comes in to the University and moves on to productive arenas of American life, we find the promise of the future. Driving down here this morning--somebody else was driving--I was able to browse through the substance, the descriptions of the research awards. I learned long ago that the description itself doesn't help me very much and sometimes I'm not helped very much by the layman's interpretation of it. I would hope that from time to time the Board members would browse through these grants because you get a really breathtaking grasp of the range and variety of research efforts underway--the vitality of our faculty. Here in one month alone--I announced a moment ago, the receipt of federal grants alone of roughly \$8.5 million--\$5.5 million of that, roughly, is attributable to our National Center for Research in Vocational Education which is funded on an annual basis from federal funds.

It's a spring day so I think I'll just report the good news. There was some bad news last night, but I won't report it--I'll let you find out for yourself. The good news is as follows--and this I got at about ten o'clock last night from Bill Napier who represents us very ably in the General Assembly. As those of you from the regional campuses, advisory councils, and staff are acutely aware, we were all of us extremely disturbed when we learned that the amounts indicated for the regional campuses showed unaccountable cuts of considerable magnitude below current levels of expenditure. This in the face of a commitment statement to the effect that all institutions would be held harmless on one score; that is, there would be no cut below a current existing level of appropriation. The subcommittee of the House Finance Committee--if I have the title right--met for a longish time last evening and acted on a number of items, and I am very pleased to report that we now have a dollar figure for each of the four campuses and it is--I'm 95 per cent sure, 99 per cent sure, as John is--that these are in fact last year's figures. To use an OSU metaphor or analogy or whatever, we're about half way through the first half. We've by no means won the game but all of us are enormously heartened. This came about because the Citizens Councils were alerted to this problem because they worked with us on the Columbus campus in presenting

April 3, 1981 meeting, Board of Trustees

### REPORT - PRESIDENT ENARSON (contd)

this to the legislators. The legislators saw the problem and they responded. I'm extremely pleased with this development, which was not planned this closely. It's simply the luck of the draw. Mr. Chairman and members of the Board, I think I have nothing else to report.

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Mr. Devenow:

Thank you, Mr. President. This meeting will recess into Executive Session for the purpose of the Board considering legal issues. The Board will reconvene for adjournment following this session so we can receive the report from the regional campus so please don't leave us. We will be back as soon as the Executive Session is over.

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The Board reconvened following the Executive Session and the meeting adjourned without taking any action.

Thereupon the Board adjourned to meet Friday, May 1, 1981, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott  
Secretary

Chester Devenow  
Chairman

--O--

### REPORT FROM MARION REGIONAL CAMPUS

Vice President Mount called attention to a booklet entitled, "The Ohio State University at Lima, Mansfield, Marion, and Newark." He noted that in this booklet was a map of Ohio showing the counties in the geographic area served by the four regional campuses of Ohio State and also a graph which showed the enrollment from these counties at the Ohio State Columbus Campus and at the Regional Campuses.

Dr. Francis Hazard, Dean/Director, Marion Regional Campus, welcomed the members of the Board of Trustees to the Marion Campus. He stated that "Holding a Trustees' meeting on a regional campus each year has at least four results: (1) it cultivates our leadership; (2) it fosters teamwork; (3) it provides quality assurance of curriculum, instruction, and student services; (4) and most importantly, it motivates and cultivates community and alumni support."

April 3, 1981 meeting, Board of Trustees

#### REPORT FROM MARION REGIONAL CAMPUS (contd)

Dr. David Citino, Associate Professor of English, spoke on behalf of the faculty at the Marion Campus. He shared some of the facts he had accumulated pertaining to the Marion Campus faculty. Ninety-six per cent of the faculty hold a Ph.D. degree or its equivalent. He said, "These scholars, teachers, writers, and artists have a firm commitment to offer to the citizens of the area the very best undergraduate--and occasionally, graduate--education they can. Their scholarly and artistic productivity is enhanced by close contact with students and their teaching is in turn enhanced by their scholarship."

Lisa Thogmartin, a sophomore majoring in English education and speech, spoke on behalf of the students with physical disabilities and discussed the efforts of the OSU Marion Campus to accommodate the needs of physically impaired students. She said, "... at OSU, I and all other students with a disability are welcome in every facet of life from student activities to classroom activities. . . . Now, because of all these experiences, I am ready to go on to the bigger world of the 'main campus' and then on with my career."

Chris Paterson attended the Marion Campus the first two years of college and was enrolled in a couple of courses there while commuting to Columbus this past year. Two out of every three students claim Marion as their first choice for college, while 70 per cent contend they would not have attended college if it had not been for the Regional Campus being close to their homes. Marion Campus students assert that their top priority is to be an authority in their field, while one-half expect to obtain a bachelor's degree and one-third anticipate getting their Master's degree. The main objective of the students is to transfer to Columbus and two out of every three expect to do so. Based on his use of the services and facilities in Columbus, Mr. Paterson stated that he found the transition very comfortable.

Dr. Stephen L. Stuart, Superintendent of the Marion City Schools, who represented the Citizens Council, said that he hoped the sincerity of these many welcomes adequately expressed the appreciation that is felt by the Citizens Councils for the commitment made by the trustees and administrators to the regional campus concept. He indicated that the Citizens Councils serve as the voice of the respective communities by providing consultation and advice on a wide variety of matters related to The Ohio State University.

Mr. Devenow:

Dean Mount, Dean Hazard, Dr. Citino, Dr. Stuart; we are delighted to be here, and you have made our stay here very pleasant. I think I speak for the whole Board when I tell you that you are certainly not a stepchild to us. We are deeply concerned about what happens here as well as the other campuses which constitute this great complex--one of the most important educational institutions maybe in the world at this point. I think all of our work--and I think I can speak for the whole Board; two of our members aren't here, unfortunately (we have a nine member board). But I think a lot of our work and the hours and the trauma and the torture that President Enarson and the rest of us put in were pretty well summed up in what Chris and Lisa told us today. That makes it all worth the while. It has been suggested and we would be delighted if any of you would like to come up and meet President Enarson, the staff or any Board member; you're welcome to do so and then we'll proceed with the rest. Thank you very much.

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND SIXTY-EIGHTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, May 1, 1981

The Board of Trustees met at its regular monthly meeting on Friday, May 1, 1981, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Chester Devenow, Chairman, Patricia D. James, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, and Leonard J. Immke.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

May 1, 1981 meeting, Board of Trustees

The Chairman, Mr. Devenow, called the meeting of the Board of Trustees to order at 11:45 a.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering personnel-related matters.

Present: Chester Devenow, Chairman, Patricia D. James, Warren J Smith, John D. Jacob, D. James Hilliker, Edmund C. Redman, and Leonard J. Immke.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

**ELECTION OF OFFICERS  
BOARD OF TRUSTEES**

Resolution No. 81-109

Mr. Galbreath presented the following:

WHEREAS pursuant to paragraph (B) of rule 3335-1-02 of the Administrative Code, the officers of the Board are to be elected at the May meeting to take office immediately following adjournment of the meeting (May 1, 1981) and shall hold their office through the May 1982 meeting:

NOW THEREFORE

BE IT RESOLVED, That the following slate of officers for 1981-82 be elected:

Chester Devenow, Chairman

Warren J Smith, Vice Chairman

Madison H. Scott, Secretary

Richard D. Jackson, Acting Treasurer

Upon motion of Mr. Galbreath, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

Mr. Galbreath:

Excuse me, Mr. Devenow, I think this might be appropriate not to let this slip by unnoticed. I have discussed this not only with the nominating committee but with those individuals that are involved and have complete unanimity in asking our present slate of officers to remain another year. I appreciate that sort of understanding and cooperation. I think it accomplishes a couple of major things: One is that our present officers can help us through a transition with a new University president which will be coming on this year some time and it also puts us back into the rotation of having a trustee potentially serve as chairman during his or her last year in office, and all of those that I have talked to still feel that

May 1, 1981 meeting, Board of Trustees

**ELECTION OF OFFICERS  
BOARD OF TRUSTEES (contd)**

Mr. Galbreath: (contd)

that original concept was good, and this will enable us to get back into phase, and among others I appreciate, Mr. Devenow, your willingness to serve another year. Thank you.

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Mr. Devenow asked Mrs. James to present two resolutions.

Mrs. James:

Thank you, Mr. Chairman. I'd like to present these resolutions, and for reasons which will become obvious, I'm going to read all of the WHEREASES:

**DISTINGUISHED SERVICE AWARD**

Resolution No. 81-110

*Synopsis: Recommendation for Audrey P. Enarson to receive a Distinguished Service Award is proposed.*

WHEREAS Audrey P. Enarson has served as "first lady" of The Ohio State University since 1972; and

WHEREAS during those years she has contributed immeasurably to the advancement of this University and to the creation of good will on its behalf; and

WHEREAS she has shared her life generously with others through a wide range of campus, community, and national groups; and

WHEREAS it is proposed that a Distinguished Service Award be presented to her for her outstanding contributions to the University and the University Community:

NOW THEREFORE

BE IT RESOLVED, That Audrey P. Enarson be awarded The Ohio State University Distinguished Service Award in recognition of her outstanding service.

Upon motion of Mrs. James, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

--O--

May 1, 1981 meeting, Board of Trustees

**ESTABLISHMENT OF THE HAROLD L. AND AUDREY P. ENARSON  
PROFESSORSHIP IN PUBLIC POLICY**

Resolution No. 81-111

*Synopsis: Establishment of the Harold L. and Audrey P. Enarson Professorship in Public Policy in the College of Administrative Science is proposed.*

WHEREAS on August 31, 1981, President Harold L. Enarson will have completed nine full years in office and will leave to his successor a fiscally sound institution, a student body that exceeds 59,000 on all campuses and whose main campus enrollment is the largest in the nation, a quality faculty and staff, and outstanding academic programs--many of which cannot be replicated by peer institutions; and

WHEREAS the criteria used by the search committee in the selection of President Enarson included the expectations that the new person should evidence a capacity for work with great intensity, energy, and dedication; that the individual's integrity, courage, and decisiveness should be exceptional and noteworthy; that the candidate should be articulate and persuasive and should have a comprehension of what constitutes excellence in teaching, scholarship, research, and service; and

WHEREAS in evaluating the President against these characteristics, the Board has concluded that Harold Enarson has met in a superb way the expectations set forth by the University in the course of its search; and

WHEREAS this Board has previously expressed its appreciation for President Enarson's efforts to strengthen and improve the quality of education and research at the University and to give this institution a sound, efficient, and responsive administration; and

WHEREAS the Board of Trustees appreciates fully the courage, dedication, and strong sense of excellence possessed by President Enarson, and salutes the contribution that these qualities have made to The Ohio State University:

NOW THEREFORE, BE IT RESOLVED, That the Board of Trustees, in recognition of President Enarson's distinguished service, wishes to establish, effective immediately, the Harold L. and Audrey P. Enarson Professorship in Public Policy in the College of Administrative Science; and

BE IT FURTHER RESOLVED, That to facilitate the implementation of this decision, the Vice President for Finance and Planning is hereby authorized and directed to take the appropriate action to transfer to the permanent endowment fund, from interest which has accrued to the University in its unrestricted endowment accounts, a sum sufficient in amount to insure the full funding of the Harold L. and Audrey P. Enarson Professorship in Public Policy.

Upon motion of Mrs. James, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

May 1, 1981 meeting, Board of Trustees

**ESTABLISHMENT OF THE HAROLD L. AND AUDREY P. ENARSON  
PROFESSORSHIP IN PUBLIC POLICY (contd)**

President Enarson:

Mr. Chairman, that is a pretty big dose to absorb. No one achieves anything by oneself, and Audrey and I are very grateful to have been associated with this University. Thank you very much.

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**RESOLUTIONS IN MEMORIAM**

Resolution No. 81-112

*Synopsis: Resolutions honoring the service of five of this University's faculty members who have recently died are being proposed.*

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Dr. Jacob, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Raymond L. Cummins

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 27, 1981, of Dr. Raymond L. Cummins, Associate Professor Emeritus in the College of Dentistry.

Dr. Cummins received his D.D.S. degree from The Ohio State University College of Dentistry in 1929. He was a member of the faculty from 1941-44. At that time he went into private practice. He returned as a faculty member in 1963 and retired June 30, 1975.

Dr. Cummins was a member of the Columbus Dental Society, the American Dental Association, and the Ohio Dental Association. He was also a member of Omicron Kappa Upsilon Dental Honorary Fraternity.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Robert Washington Haws

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 8, 1981, of Robert W. Haws, Professor Emeritus, Academic Faculty of Industrial Technology, College of Education.

May 1, 1981 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Robert Washington Haws (contd)

Born June 17, 1900, in Ceredo, West Virginia, he graduated from Ohio University in 1924 with a Bachelor of Science in Education degree. He received the Master of Arts degree in 1932 and the Doctor of Philosophy degree in 1947 from The Ohio State University.

Dr. Haws was first appointed to the faculty of the College of Education as a Lecturer in 1942. He was appointed an Assistant Professor in 1943, Associate Professor in 1955, and a Professor of Education in 1960. He became Professor Emeritus following his retirement in August, 1968.

Prior to his joining the University faculty, he taught industrial arts at Monroe (1922-1923), Jacksonville (1924-1925), Xenia (1926-1930), and Hamilton, Ohio (1930-1942). This 19 years of secondary school teaching, combined with 26 years at the University, make a career total of 45 years of dedicated teaching.

Robert W. Haws authored eight articles, contributed to several school survey reports, and coauthored a professional book for secondary school industrial arts teachers. He advised over fifty graduate students in the completion of their theses and dissertations. Despite this, his greatest interest was in teaching. Industrial arts teachers all over Ohio, as well as many in other states, lovingly and privately referred to him, in later years, as "Pappy." He sponsored their student organizations, was always available and willing to hear out students' problems or concerns, consistently received high ratings on student evaluations of his teaching, and was the ever-present, steadying force through their student years. He was a dedicated and loved teacher.

Perhaps above all, there are many of us who remember him as both teacher and friend. We were fortunate to have known him as both, and we will continue to remember him.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Robert C. Higgy

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 21, 1981, of Robert C. Higgy, Associate Professor Emeritus, Department of Electrical Engineering.

Born December 7, 1901, in Columbus, Ohio, he graduated from The Ohio State University in 1925 with a Bachelor of Electrical Engineering degree. He was awarded the professional degree, Electrical Engineer, in 1937 from The Ohio State University.

An early pioneer in radio broadcast technology, Professor Higgy served as Instructor in the Electrical Engineering Division of the U. S. Army School of Military Aeronautics from 1917



May 1, 1981 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Robert C. Higgy (contd)

to 1918, prior even to his entry into the University and to formal training in electrical engineering. During the period 1919-1921, Professor Higgy designed, built and operated the original University radio station. The station, initially called 8XI began operation on an experimental basis in the Fall of 1919; regular programs began in 1920. The call letters of the station were changed to WEAO in 1922 and to WOSU in 1931. This radio station was one of the pioneering educational broadcasting stations and grew under his guidance and direction to become one of the largest and most widely known educational broadcasting stations in the United States offering AM, FM and later TV programming. Professor Higgy served as chief engineer of the station from 1925 to 1927 and then as station director and chief engineer from 1927 to 1956.

Professor Higgy joined the faculty of the Department of Electrical Engineering as Instructor in 1927 and retired in 1964 as Associate Professor Emeritus. During this period he taught extensively and continued to play an important role in the development of educational broadcasting in this country. Beginning in the 1920's and continuing until World War II, the OSU Department of Electrical Engineering was a national leader in the field of broadcast engineering. Also during this period, Professor Higgy served as a technical consultant to numerous radio and television broadcast stations. He was also founder and second president of the National Association of Educational Broadcasters.

Professor Higgy authored a book, *Fundamental Radio Experiments*, published in 1943 and contributed to the scientific literature regarding radio transmission. He was also very active in advancing the profession; he was the original organizer of the Columbus section of the Institute of Radio Engineers, the principal professional organization for electrical engineers.

Professor Higgy has made lasting impact upon the Department of Electrical Engineering in his contributions to its growth in size and stature and indeed will long be remembered for his pioneering contributions to the field of educational broadcasting.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Delbert Oberteuffer

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 26, 1981, of Delbert Oberteuffer, Professor Emeritus, School of Health, Physical Education and Recreation.

Born November 19, 1901, in Portland, Oregon, he graduated from the University of Oregon in 1923 with a Bachelor of Arts degree. He received both the Master's degree in 1924 and the Ph.D. degree in 1930 from Columbia University.

May 1, 1981 meeting, Board of Trustees

### RESOLUTIONS IN MEMORIAM (contd)

Delbert Oberteuffer (contd)

Dr. Oberteuffer was Supervisor of Physical Education and Health Education for the State of Ohio from 1929 to 1932 when he came to the University and served as Professor of Physical Education for 34 years until his retirement in 1966. He was Chairman of the Men's Department of Physical Education for 25 years and was instrumental in developing a graduate program in physical education and health education that was nationally recognized for the quality of both its curriculum and faculty.

Dr. Oberteuffer was an articulate and dynamic spokesman for his profession and was in constant demand as a speaker. His class lectures challenged and stimulated thousands of graduate and undergraduate students. He wrote two basic textbooks, *Physical Education* and *School Health Education*, which were standard references throughout the country for many years. Both have been revised several times and continue to be used today.

It is uncommon for one person to achieve such eminence in a single field, but Dr. Oberteuffer was an acknowledged leader in two fields: health education and physical education. This duality is unique because he is the only person to receive both the Luther H. Gulick Award--the highest honor in physical education from the American Alliance for Health, Physical Education, Recreation and Dance and the William A. Howe Award--the highest honor in health education from the American School Health Association. He also was the recipient of the Hetherington Award granted by the American Academy of Physical Education. Ohio Wesleyan University, Bowling Green State University, and Ashland College all have conferred honorary degrees upon Dr. Oberteuffer. He received the Distinguished Service Award from The Ohio State University in 1969.

The excellent reputation which The Ohio State University enjoys today in the areas of physical education and health education is convincing testimony to his personal leadership and his judgment and foresight in selecting faculty members. The University is the fortunate possessor of an Oberteuffer tradition which is a source of great strength and inspiration. His legacy will be carried on by the Oberteuffer Memorial Lecture Series which was established this year by the School of Health, Physical Education and Recreation.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Louis E. Reif

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 11, 1981, of Dr. Louis E. Reif, Assistant Professor Emeritus in the College of Dentistry.

Dr. Reif received his D.D.S. degree from The Ohio State University College of Dentistry in 1916. He was a member of the faculty from 1916 until he retired in 1962. He also maintained a successful private practice. He served as a Captain in the U. S. Army Dental Corps, World War I.

May 1, 1981 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Louis E. Reif (contd)

Dr. Reif was a member and past president of the Columbus Dental Society, a member of the American Dental Association, the Ohio Dental Association, and Omicron Kappa Upsilon Dental Honorary Fraternity. He assisted Dr. Ed Mills in establishing the Dr. John Harris Dental Museum at Bainbridge, Ohio.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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## AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY

Resolution No. 81-113

*Synopsis: Amendments to paragraphs (A) and (C) of rule 3335-7-32 and rule 3335-9-20 of Rules of the University Faculty are proposed.*

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to the *Rules of the University Faculty* as approved by the University Senate; and

WHEREAS the proposed changes in the *Rules of the University Faculty* were approved by the University Senate on April 11, 1981, as follows:

3335-7-32 Withdrawal from courses or from the university.

- (A) Withdrawal from the university during a quarter constitutes withdrawal from all courses in which a student is enrolled during that quarter. Upon official notification of the student's withdrawal from the university, the director of registration, records and scheduling is authorized to enter the dated notation "withdrew" on the student's official permanent record.
- (C) Until five p.m. of the fourth Friday of a quarter (third Friday of the relevant term for summer term courses) a student may withdraw from any or all courses which began in the same quarter (or term), and no record for the course(s) will be entered on the student's official permanent record.

3335-9-20 Improper admission or registration.

Admission or registration may be cancelled by the assistant vice president for registration services (or the designated director of admissions or of registration,

May 1, 1981 meeting, Board of Trustees

#### **AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)**

records and scheduling) in cases of improper registration or when false or incomplete information is provided on the application for admission, registration forms, or other official documents. No credits earned subsequent to such cancellation and prior to proper admission or registration shall be entered upon the permanent record of the student. Students whose admission or registration is cancelled are not entitled to any refund of fees.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the *Rules of the University Faculty* be adopted by the Board of Trustees for inclusion in the next publication of this document.

Upon motion of Mr. Immke, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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#### **DEGREES AND CERTIFICATES - SPRING QUARTER COMMENCEMENT**

Resolution No. 81-114

*Synopsis: Approval is being requested for awarding degrees and certificates for Spring Quarter Commencement.*

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit the names of persons who have completed degree and certificate requirements in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on June 12, 1981, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Mr. Hilliker, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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May 1, 1981 meeting, Board of Trustees

**CHANGE "WILLIAM H. DAVIS PROFESSORSHIP IN THE AMERICAN  
FREE ENTERPRISE SYSTEM" TO "WILLIAM H. DAVIS CHAIR  
IN THE AMERICAN FREE ENTERPRISE SYSTEM"**

Resolution No. 81-115

*Synopsis: Change "William H. Davis Professorship in the American Free Enterprise System" to "William H. Davis Chair in the American Free Enterprise System" is being proposed.*

WHEREAS the Board of Trustees on January 14, 1965, approved a set of guidelines for the establishment of "Named Chairs," which was subsequently modified March 3, 1972, and renamed "Endowed Chairs" and was modified further on May 5, 1978; and

WHEREAS the Board of Trustees on December 15, 1976 approved the establishment of an "Endowed Professorship" to be known as "William H. Davis Professorship in the American Free Enterprise System"; and

WHEREAS all gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates; and

WHEREAS at the time of the establishment of the "Endowed Professorship" it was agreed that the professorship be redesignated the William H. Davis Chair in the American Free Enterprise System when the level of funding is sufficient to endow a chair; and

WHEREAS the level of funding has now reached the level required through unexpended earnings on the original investment:

NOW THEREFORE

BE IT RESOLVED, That the William H. Davis Professorship in the American Free Enterprise System be changed to the William H. Davis Chair in the American Free Enterprise System.

Upon motion of Mr. Immke, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**PERSONNEL ACTIONS**

Resolution No. 81-116

*Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointment, Reappointment of Chairmen of Departments and Academic Faculty, Medical Staff Appointments, Leaves of Absence Without Salary, Professional Improvement Leave, and Emeritus Titles are recommended for approval.*

May 1, 1981 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the April 3, 1981 meeting of the Board, including the following Appointment, Reappointment of Chairmen of Departments and Academic Faculty, Medical Staff Appointments, Leaves of Absence Without Salary, Professional Improvement Leave, and Emeritus Titles as detailed in the University Budget, be approved.

**Appointment**

Name: JEREMY COHEN  
Title: Associate Professor (Samuel and Esther Melton Chair of Jewish History and Studies)  
Department: History  
Salary: \$25,080.00 (9-months)  
Effective: January 1, 1982  
Present Position: Assistant Professor of Medieval Jewish History and Coordinator, Program of Jewish Studies, Cornell University, Ithaca, New York

**Reappointment of Chairmen of Departments and Academic Faculty**

October 1, 1981 through September 30, 1985

Accounting	John K. Shank
Black Studies	William E. Nelson
Political Science	Randall B. Ripley

July 1, 1981 through June 30, 1983

Animal Science	George R. Johnson
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July 1, 1981 through June 30, 1985

Entomology	D. Lyle Goleman
Industrial Design	Charles Wallschlaeger

**Medical Staff Appointments**

Name	Appointment	Clinical Division
Effective March 11, 1981		
Mangala Venkatesh, M.D.	Limited Staff in Neurology	Medicine
Donald L. Sharps, M.D.	Limited Staff	Pediatrics
Brian Lowery, M.D.	Attending Staff in Thoracic Surgery	Surgery

May 1, 1981 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Medical Staff Appointments (contd)

Name	Appointment	Clinical Division
Effective March 19, 1981		
Paul E. Weathers, M.D.	Attending Staff	Family Medicine
Effective April 1, 1981		
Sheldon Roberts, M.D.	Limited Staff	Family Medicine
Bruce Spring, M.D.	Limited Staff	Family Medicine

#### Leaves of Absence Without Salary

MICHAEL LES BENEDICT, Professor, Department of History, effective April 1, 1982 through March 31, 1983, to accept a Fulbright Award to teach in Japan.

SAMUEL CHU, Professor, Department of History, effective October 1, 1981 through June 30, 1982, to accept a Research Fellowship awarded by the Committee on Advanced Study in China for the academic year 1981-82.

ROBERT J. LENARDON, Professor, Department of Classics, effective October 1, 1981 through March 31, 1982, to serve as Visiting Professor of Humanities Studies at the University of New York at Albany.

LINDA GORDON HOWARD, Associate Professor, College of Law, effective May 1, 1981 through June 30, 1981, to present a paper at the New Zealand Law Society 1981 Conference on Law and to conduct a series of seminars for the New Zealand Commission on Human Rights and for the U. S. International Communications Agency in India and Japan.

PHILIP W. BALLINGER, Assistant Professor, School of Allied Medical Professions, effective April 20, 1981 through July 31, 1981, to revise a radiological text.

MARY BREESE, Assistant Professor, School of Allied Medical Professions (Medical Dietetics Division), effective July 1, 1981 through August 31, 1981, for personal reasons.

#### Professional Improvement Leave

CARTER V. FINDLEY, Associate Professor, Department of History, effective Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

May 1, 1981 meeting, Board of Trustees

#### PERSONNEL ACTIONS (contd)

##### Emeritus Titles

CHARLES E. CARLUT, Department of Romance Languages and Literatures, with the title Professor Emeritus, effective July 1, 1981.

C. WAYNE ELLETT, Department of Plant Pathology, with the title Professor Emeritus, effective May 1, 1981.

EARLE W. KLOSTERMAN, Department of Animal Science, with the title Professor Emeritus, effective April 1, 1981.

WILLIAM MOLNAR, Department of Radiology, with the title Professor Emeritus, effective January 1, 1981.

Upon motion of Mrs. James, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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#### REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 81-117

*Synopsis: The reports on contracts, grants, and gifts and the summary for March are presented for Board acceptance.*

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through the The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

##### NOW THEREFORE

BE IT RESOLVED, That the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund during the month of March 1981, be approved.

Upon motion of Mr. Immke, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.



May 1, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**SUMMARY FOR MARCH 1981**

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	63	\$4,350,645.00
Engineering Experiment Station	37	176,248.00
		\$4,526,893.00
The Ohio State University Development Fund	Gifts	
January	3,723	\$ 277,295.00
February	2,981	862,383.61
March	8,237	994,808.41

**Establishment of Named Funds**

The Dr. Mars G. Fontana Endowment Fund (Professorship - Department of Metallurgical Engineering)	\$ 16,538.75
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The Delos D. Wickens Lectureship Fund (Department of Psychology)	\$ 7,178.00
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**Change in Description of Named Fund**

Dai Ho Chun Graduate Fellowship Fund

**Report from Presidents Club**

Members to date	4,461
1981 members: year to date	38
New members - March 1981	15

**New Presidents Club Members - March 1981**

Michael J. Arena	Jean Moxley (Mrs. John F.)
Thomas M. Bashore	John G. Reiner
Michael W. Bertz	Berenice J. Richard
Brenton H. Carey	Susan D. Stalnaker (Mrs. Russell R.)
Phillip K. Fulkerson	John M. Stang
Donna M. Gold (Mrs. Stuart A.)	Donald V. Unverferth
Joseph P. Harrison	Robert I. Yeoman
John R. Miller	

May 1, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THIRD QUARTER SUMMARY**

**January 1, 1981 through March 31, 1981**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

Source	No. of Projects	Support Level
FEDERAL		
National Aeronautics and Space Administration	7	\$ 271,270.00
National Science Foundation	31	1,459,763.40
Department of Defense	15	1,346,225.00
Department of Energy	8	1,138,405.00
Department of Education	10	6,995,081.00
Department of Health and Human Services	35	2,168,130.00
Other Federal	26	6,928,248.00
TOTAL - FEDERAL	132	\$20,307,122.40
STATE OF OHIO	15	\$ 517,251.00
INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL SPONSORS	69	\$ 3,485,724.00
GRAND TOTAL	216	\$24,310,097.40

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THIRD QUARTER SUMMARY

January 1, 1981 through March 31, 1981

ENGINEERING EXPERIMENT STATION

Source	No. of Projects	Support Level
FEDERAL	1	\$ 20,705.00
STATE OF OHIO	2	7,264.00
INDUSTRIAL AND OTHER	80	483,768.00
GRAND TOTAL	83	\$511,737.00

May 1, 1981 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

#### **Federal Research Contracts/Grants**

\$778,936.00 - Department of Education, National Institute of Education, Washington, D. C., Institutional Grant, National Center for Research in Vocational Education (R. E. Taylor), 1 March 1981 through 30 November 1981. (Project 762530 - Continuation)

\$699,000.00 - Department of Energy, Argonne, Illinois, High Energy Physics, Department of Physics (T. A. Romanowski, K. Reibel, N. W. Reay, N. Stanton, T. Y. Ling, W. Palmer, K. Tanaka, K. Lane, S. Pinsky, and W. Wada), 1 February 1981 through 31 January 1982. (Project 762116 - Continuation)

\$315,678.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, General Clinical Research Center Branch, Bethesda, Maryland, General Clinical Research Center, College of Medicine - Administration (H. G. Cramblett) and Department of Medicine (W. B. Malarkey), 1 December 1980 through 30 November 1981. (Project 761196 - Continuation)

\$250,000.00 - Department of the Army, Defense Supply Service - Washington, Washington, D. C., Design Study for an Actively Terrain-Adaptive Off-Road Vehicle, Department of Mechanical Engineering (K. J. Waldron) and Department of Electrical Engineering (R. B. McGhee), 29 January 1981 through 28 January 1982. (Project 762565 - New)

\$193,345.00 - Environmental Protection Agency, Chicago, Illinois, Technical Assessment of the Lake Erie Intensive Study, Center for Lake Erie Area Research (C. Herdendorf), 1 March 1981 through 28 February 1982. (Project 762099 - Continuation)

\$153,325.00 - Department of Energy, Argonne, Illinois, Pulse Radiolysis Studies of Fast Reactions in Molecular Systems, Department of Chemistry (L. M. Dorfman), 1 February 1981 through 31 January 1983. (Project 762589 - Continuation)

\$139,913.00 - National Science Foundation, Washington, D. C., Complex Animation and Complex Object Synthesis, Department of Art Education (C. A. Csuri), Department of Computer and Information Science (R. E. Parent), and Department of Electrical Engineering (K. W. Olson), 1 April 1981 through 31 March 1982. (Project 762077 - Continuation)

\$113,169.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Unsaturated Fatty Acids, Prostaglandins and Diabetes, Department of Physiological Chemistry (H. W. Sprecher), 1 April 1981 through 31 March 1982. (Project 760745 - Continuation)

May 1, 1981 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$106,623.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunity to Tumor - Localized, Chemically-Modified Drugs, Department of Pathology (R. F. Barth), 1 January 1981 through 31 December 1981. (Project 761801 - Continuation)

\$93,501.00 - National Science Foundation, Washington, D. C., Dynamics and Control of Industrial Manipulators and Legged Locomotion Systems, Department of Electrical Engineering (R. B. McGhee, C. A. Klein, and S. H. Koozekanani), 1 January 1981 through 31 December 1981. (Project 761487 - Continuation)

\$83,922.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Post-Transcriptional Control in Eukaryotic Cells, Department of Physiological Chemistry (T. E. Webb and D. E. Schumm), 1 April 1981 through 31 March 1982. (Project 760063 - Continuation)

\$79,971.00 - Department of the Navy, Naval Air Systems Command, Washington, D. C., Sophisticated Jammers and Adaptive Arrays, Department of Electrical Engineering, ElectroScience Laboratory (R. T. Compton), 23 March 1981 through 22 March 1982. (Project 762581 - Continuation)

\$79,364.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Vestibular Control of Posture, Department of Otolaryngology (C. W. Stockwell), 1 April 1981 through 31 March 1982. (Project 760820 - Continuation)

\$68,448.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Pharmacology of Novel Antiabortifacients, College of Pharmacy (R. G. Rahwan), 1 April 1981 through 31 March 1982. (Project 762609 - New)

\$67,415.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Deletions and Mitochondrial Genetic Recombination, Department of Genetics (P. S. Perlman and C. W. Birky), 1 April 1981 through 31 March 1982. (Project 764400 - Continuation)

\$57,551.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Biologically Active Alkaloids, Department of Chemistry (D. J. Hart), 1 April 1981 through 31 March 1982. (Project 762083 - Continuation)

May 1, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$53,467.00 - Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, Electrically Small Antennas, Department of Electrical Engineering, ElectroScience Laboratory (J. H. Richmond and C. H. Walter), 1 May 1981 through 30 April 1982. (Project 761622 - Continuation)

\$50,000.00 - National Endowment for the Humanities, Washington, D. C., The American Women's Movement in the Post Second World War Two Period, Department of History and Center for Women's Studies (L. J. Rupp) and Department of Sociology (V. A. Taylor), 1 April 1981 through 31 March 1983. (Project 762602 - New)

\$49,699.00 - Department of Energy, Laramie Energy Technology Center, Laramie, Wyoming, Structural and Fracture Mechanics Modeling Associated with Underground Coal Conversion, Department of Engineering Mechanics (S. H. Advani), 1 April 1981 through 31 March 1982. (Project 762087 - Continuation)

\$48,819.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, The Corneal Environment, College of Optometry (R. M. Hill), 1 April 1981 through 31 March 1982. (Project 761080 - Continuation)

\$47,758.00 - National Science Foundation, Washington, D. C., Chemistry of Metal-Carbon Sigma Bonds, Department of Chemistry (A. A. Wojcicki), 1 July 1981 through 30 June 1982. (Project 761787 - Continuation)

\$40,368.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Survival Factors (Nodes, Histology), E-B Virus-Nasopharyngeal Carcinoma, Department of Otolaryngology (D. E. Schuller), 1 April 1981 through 31 March 1982. (Project 761591 - Continuation)

\$40,000.00 - National Science Foundation, Washington, D. C., Role of Alpha-Lactalbumin in Lactose Biosynthesis, Department of Chemistry (L. J. Berliner), 1 May 1981 through 30 April 1982. (Project 761432 - Continuation)

\$37,000.00 - Department of the Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Jam Resistant Communications Systems Techniques, Department of Electrical Engineering, ElectroScience Laboratory (A. A. Ksienski and W. D. Burnside), 4 February 1981 through 30 September 1981. (Project 761461 - Continuation)

\$34,995.00 - Naval Research Laboratory, Washington, D. C., Developments in Acoustic, Electromagnetic, and Elastic Wave Scattering, Department of Engineering Mechanics (V. V. Varadan and V. K. Varadan), 1 February 1981 through 1 February 1982. (Project 762599 - New)

May 1, 1981 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$26,000.00 - Department of Education, Office of Special Education, Washington, D. C., Inservice Training for School Administrators and Special and Secondary Schools, Academic Faculty for Exceptional Children (T. M. Stephens, J. O. Cooper, and S. McCormick), 1 June 1981 through 31 May 1982. (Project 762139 - Continuation)

\$25,672.00 - National Science Foundation, Washington, D. C., Singular Integral Operators on Homogeneous Spaces, Department of Mathematics (A. Dynin), 1 July 1981 through 30 June 1983. (Project 762622 - New)

\$21,816.00 - National Science Foundation, Washington, D. C., Algebraic Combinatorics, Department of Mathematics (E. Bannai), 1 July 1981 through 30 June 1983. (Project 761630 - Continuation)

\$18,500.00 - Department of the Navy, Naval Regional Contracting Office, Long Beach, California, Formulate Quasi-Optical Techniques for Antennas at UHF, Department of Electrical Engineering, ElectroScience Laboratory (C. Walter, R. Marhefka, and R. Rudduck), 26 January 1981 through 30 April 1981. (Project 761784 - Continuation)

\$18,493.00 - National Science Foundation, Washington, D. C., Environmental History of Toolik Lake and Toolik Drainage: A Component of Project ALPS (Arctic Lake Process Studies), Institute of Polar Studies and Department of Zoology (P. A. Colinvaux), 23 February 1981 through 31 October 1981. (Project 761102 - Continuation)

\$14,000.00 - National Science Foundation, Washington, D. C., High Energy Physics Search for Long-Lived Particles Resulting from Neutrino Interactions in a Tagged Emulsion Spectrometer, Department of Physics (T. A. Romanowski), 1 April 1981 through 31 March 1983. (Project 762620 - New)

\$13,954.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Ohio Statewide Cancer Control Support Development Grant, Cancer Research Center (C. J. Cavalanis), 1 September 1980 through 31 August 1981. (Project 761832 - Continuation)

\$10,000.00 - Argonne National Laboratory, Argonne, Illinois, The Dissolution Kinetics of Titanate Waste Form Compounds, Department of Ceramic Engineering (D. W. Readey and E. Bright), 1 February 1981 through 31 May 1981. (Project 762597 - New)

May 1, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$9,740.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Nursing, Hyattsville, Maryland, Recruit, Select and Train Minorities - Graduation and Work, School of Nursing (E. L. Fritz), 1 March 1979 through 21 March 1980. (Project 761056 - Continuation)

\$9,087.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Bellanca Skyrocket Natural Laminar Flow Flight Research, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek) and Department of Aviation (G. S. Weislogel), 17 December 1980 through 30 June 1981. (Project 762359 - Continuation)

\$9,031.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Biomedical Computing and Information Processing, College of Medicine - Administration (G. L. Trzebiatowski), 1 July 1979 through 30 June 1980. (Project 761133 - Continuation)

\$7,000.00 - Department of Education, Office of Special Education, Washington, D. C., The Ohio State University Preservice/Inservice Training Project for Special Education Personnel, Academic Faculty for Exceptional Children (M. E. Ward), 1 June 1981 through 31 May 1982. (Project 762171 - Continuation)

\$5,680.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Regulation of Dihydrofolate Reductase Gene Expression, Department of Biochemistry (L. F. Johnson), 1 July 1980 through 30 June 1981. (Project 761710 - Continuation)

\$4,000.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Test Data Processing and Analysis Related to the SRL-10 System, Department of Electrical Engineering (H. Hemami), 1 February 1981 through 30 April 1981. (Project 762617 - Continuation)

\$3,000.00 - National Endowment for the Arts, Washington, D. C., Photography Exhibition, Department of Photography and Cinema (J. R. Green), 1 July 1980 through 30 June 1981. (Project 762604 - New)

\$2,879.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Alpha-Adrenergic and Dopaminergic Stereochemical Studies, College of Pharmacy (D. D. Miller), 1 September 1980 through 31 August 1981. (Project 761349 - Continuation)



May 1, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$1,920.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Spectroelectrochemistry of Bio-Electron Transfers, Department of Chemistry (T. Kuwana), 1 September 1980 through 31 December 1981. (Project 763359 - Continuation)

\$1,638.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Study to Determine the IFR Operational Profile of the General Aviation Single-Pilot, Department of Aviation (G. S. Weislogel and G. C. Chapman), 4 March 1981 through 30 June 1981. (Project 761869 - Continuation)

\$1,169.00 - Environmental Protection Agency, Chicago, Illinois, Lake Erie Monitoring Program: Main Lake Water Quality and Cladophora, Center for Lake Erie Area Research (C. E. Herdendorf) and Department of Civil Engineering (R. C. Stiefel), 1 July 1980 through 30 June 1981. (Project 762280 - Continuation)

\$750.00 - National Science Foundation, Washington, D. C., Science Faculty Professional Development Program, School of Natural Resources (R. E. Roth), 13 February 1981 through 30 June 1981. (Project 762585 - Continuation)

**TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS** **\$3,886,596.00**

**State of Ohio Research Contracts/Grants**

\$242,500.00 - State of Ohio, Department of Agriculture, Columbus, Ohio, Hog Accelerated Marketing System - A Pilot Project for Computerized Electronic Marketing of Slaughter Hogs, Department of Agricultural Economics and Rural Sociology (D. H. Boyne and E. D. Baldwin), 2 September 1981 through 31 January 1982. (Project 761446 - Continuation)

\$50,000.00 - State of Ohio, Department of Energy, Columbus, Ohio, Home Energy Conservation with Emphasis on Rural Areas, Cooperative Extension Service - State Operations (P. R. Thomas), 2 March 1981 through 28 February 1982. (Project 762576 - New)

\$13,386.00 - State of Ohio, Department of Energy, Columbus, Ohio, Energy Data Services, Department of Geology and Mineralogy (P. N. Webb), 24 March 1981 through 30 November 1981. (Project 762614 - New)

\$4,825.00 - Ohio Historical Society, Columbus, Ohio, Blacks in the Reeb-Hosack Area, Department of Black Studies (W. E. Nelson), 15 November 1979 through 30 June 1980. (Project 762512 - New)

May 1, 1981 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **State of Ohio Research Contracts/Grants (contd)**

\$3,500.00 - Ohio Arts Council, Columbus, Ohio, Stage Production of Samuel Beckett's Plays: "A Pice of Monologue" and "Ohio Impromptu," Department of English (M. Beja and S. Gontarski) and Department of Romance Languages and Literatures (P. Astier), 1 February 1981 through 30 June 1981. (Project 762613 - New)

**TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS**                      \$ 314,211.00

#### **Industrial, Private, and Other Non-Federal Research Contracts/Grants**

\$30,300.00 - World Health Organization, Human Reproduction Unit, Geneva, Switzerland, Collection and Processing of Baboon Pregnancy Urine, Department of Obstetrics and Gynecology (V. C. Stevens), 1 January 1981 through 31 December 1981. (Project 762611 - New)

\$21,930.00 - Texas A & M Research Foundation, College Station, Texas, Formal Analytical Structure for Manned Systems Technology, Department of Industrial and Systems Engineering (R. A. Miller), 12 February 1981 through 15 December 1981. (Project 762598 - New)

\$16,307.00 - University of Illinois, Champaign, Illinois, Region V Child Welfare Training Center, College of Social Work (R. O. Washington), 12 March 1981 through 30 June 1981. (Project 761930 - Continuation)

\$14,185.00 - Technicon Instruments Corporation, Tarrytown, New York, Trace Organic Analysis by a Combination of Optical and Electrochemical Methods, Department of Chemistry (R. L. McCreery), 1 April 1980 through 31 March 1982. (Project 762616 - New)

\$13,596.00 - Southwest Oncology Group, Kansas City, Kansas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Medicine (H. E. Wilson and S. Balcerzak), 1 January 1981 through 31 March 1982. (Project 760617 - Continuation)

\$12,000.00 - The Arthritis Foundation, Central Ohio Chapter, Columbus, Ohio, Immunoregulation and Autoimmunity, Department of Medicine (R. L. Whisler), 1 April 1981 through 31 March 1982. (Project 760620 - Continuation)

\$10,126.00 - Oregon State University, Corvallis, Oregon, Socioeconomic Analysis of Repository Siting, Department of Agricultural Economics and Rural Sociology (T. L. Napier), 1 January 1981 through 30 September 1981. (Project 762601 - Continuation)

May 1, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$9,998.00 - General Foods Corporation, Pet Foods Division, White Plains, New York, Evaluation of Semi-Moist Food Formulae for Susceptibility to Mite Infestation, Department of Entomology (D. E. Johnston), 1 February 1981 through 31 January 1982. (Project 762610 - Continuation)

\$6,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, The Electrocardiogram and Acute Pericarditis, Department of Medicine (P. K. Fulkerson and W. Wanner), 1 July 1981 through 31 December 1981. (Project 762603 - New)

\$6,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Radionuclide Assessment of LV Function, Departments of Medicine and Radiology (T. M. Bashore) and Department of Medicine (D. J. Magorien), 1 July 1981 through 31 December 1981. (Project 762605 - New)

\$5,405.00 - Southwest Oncology Group, Kansas City, Kansas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Pathology (R. O'Toole), 1 January 1981 through 31 December 1981. (Project 761460 - Continuation)

\$2,991.00 - The University of Missouri, Columbia, Missouri, Modified Nucleosides in Plasma Cell Dyscrasis, Department of Preventive Medicine (M. L. Moeschberger), 1 January 1981 through 30 June 1981. (Project 762579 - New)

\$1,000.00 - North Central Technical Institute, Wausau, Wisconsin, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1980 through 30 June 1981. (Project 761599 - Continuation)

**TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-  
FEDERAL RESEARCH CONTRACTS/GRANTS**

**\$ 149,838.00**

**ENGINEERING EXPERIMENT STATION**

**Federal Sponsored Research and Development**

\$20,705.00 - federal funds for a development project under the direction of the Department of Welding Engineering.

**State Sponsored Research and Development**

\$7,264.00 - two state agencies for two development projects under the direction of two separate departments of the College of Engineering.

May 1, 1981 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### ENGINEERING EXPERIMENT STATION (contd)

#### Industrial and Other Sponsored Research and Development

\$148,279.00 - various industries for 34 development projects under the direction of seven engineering departments and research areas.

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

#### Gifts of \$5,000 or More

\$32,500.00 - The Dow Chemical Company, Midland, Michigan--\$12,500.00 for Dow Research Fellowship; \$10,000.00 for Dow Fellowship in Selective Oxygenation; and \$10,000.00 for Endowed Professorship in Plant Protection.

\$27,065.00 - Eli Lilly and Company, Indianapolis, Indiana--\$20,065.00 for Infectious Disease Research Fund and \$7,000.00 for Eli Lilly and Company Organic Chemistry Research Fund.

\$15,115.00 - Bell Laboratories, Columbus, Ohio--\$11,361.00 for Department of Computer and Information Science Chairman's Discretionary Fund and \$3,754.00 for Electrical Engineering Chairman's Discretionary Fund.

\$12,249.35 - The Refractories Institute, Pittsburgh, Pennsylvania, for Refractories Institute Research Fund.

\$10,045.64 - Systems Associates, Inc., Columbus, Ohio (given in the names of Robert H. Herbst, Robert T. Clutterbuck, Thomas M. Bashore, John M. Stang, Donald V. Unverferth, and Phillip K. Fulkerson), for Cardiology Support Fund.

\$10,000.00 - Estate Under the Will of Jennings Neil Stanbery, Chicago, Illinois, as an undesignated gift to the University.

\$10,000.00 - Synthes AG, CH - 7002 Chur/Switzerland, for Hans Willenegger Residency in Veterinary Surgery.

\$9,422.07 - Hans Willenegger, M.D., 3008 Bern, Switzerland, for Hans Willenegger Residency in Veterinary Surgery.

\$8,940.00 - Children's Hospital, Columbus, Ohio, for Retina Research Fund.

\$8,168.09 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

\$8,158.00 - The Charles F. High Foundation, Bucyrus, Ohio, for Charles F. High Foundation Scholarship Fund.

\$8,149.37 - Merry Makers Club, Columbus, Ohio, for Ohio State National Merit Scholarship Fund.

May 1, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$7,716.00 - The Grace High Washburn Trust, Bucyrus, Ohio, for Grace High Washburn Trust Scholarship Fund.

\$7,500.00 - Foundation for Agronomic Research, Inc., Atlanta, Georgia, for Potash and Phosphate Institute.

\$7,163.62 - Estate Under the Will of Hallie H. Winnette, Marion, Ohio, for Diabetes Research Fund.

\$6,750.00 - Farmland Industries, Inc., Kansas City, Missouri, for Special NC-151 Fund.

\$6,700.00 - Advanced Drainage System, Inc., Columbus, Ohio, for Overholt Drainage Education and Research Fund in Agricultural Engineering.

\$6,500.00 - Capital City Products Company, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

\$5,503.88 - Friends of Emmy Eich-Seidel, Buchs 8107, Switzerland, for Richard L. Meiling Chair of Obstetrics and Gynecology.

\$5,000.00 - Conoco, Inc., Ponca City, Oklahoma, for Mechanical Engineering Coal Combustion Laboratory Fund.

\$5,000.00 - PPG Industries Foundation, Pittsburgh, Pennsylvania, for Affirmative Action Program in Engineering Fund.

\$5,000.00 - Dr. M. Henry Speck, Youngstown, Ohio, for Drs. M. Henry and Myron E. Speck Fund.

\$5,000.00 - Total Communication Systems, New Kensington, Pennsylvania, for OSU Scholarship Fund.

**Gifts-in-Kind**

\$20,244.94 - James P. Ross, Columbus, Ohio--(\$10,122.47) 1,333 shares of Wendy's International stock for Ohio State National Merit Scholarship Fund and (\$10,122.47) 1,333 shares of Wendy's International stock for Milton Caniff Research Room.

\$15,000.00 - Maureen Sturtz, Columbus, Ohio, six-year-old Quarter Horse gelding, Jus Blue.

May 1, 1981 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds**

##### **The Dr. Mars G. Fontana Endowment Fund**

The Dr. Mars G. Fontana Endowment Fund was established May 1, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Dr. Mars G. Fontana.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

All income is to be added to the principal until the fund reaches \$250,000. At that time eighty percent (80%) of the annual income is to be used to endow and/or augment a professorship in the Department of Metallurgical Engineering. Recipients shall at no time be a department chairman, dean, or person in a comparable administrative position, past or present. The remaining twenty percent (20%) of the annual income is to be added to the endowment fund principal.

Should the need for this fund cease to exist or so diminish as to provide insufficient funds to continue the endowed professorship, then the income is to be used as determined by the Board of Trustees to provide scholarships primarily for qualified and needy students in the Department of Metallurgical Engineering. Recipients are to be determined by the appropriate administrative official directly responsible for the College of Engineering and the Department of Metallurgical Engineering.

##### **The Delos D. Wickens Lectureship Fund**

The Delos D. Wickens Lectureship Fund was established May 1, 1981, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from former students, friends, colleagues and admirers of Professor Delos D. Wickens of the Department of Psychology, in his honor.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be added to the principal and both will be used to support a lecture series in psychology. Use of the funds will be designated by the Chairman of the Department of Psychology and approved by the Dean of the College of Social and Behavioral Sciences.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the scientific study of psychology.

May 1, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Change in Description of Named Fund**

**Dai Ho Chun Graduate Fellowship Fund**

The Dai Ho Chun Graduate Fellowship Fund was established June 8, 1978 by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Dai Ho Chun, Ph.D. '47, of Honolulu, Hawaii. Dr. Chun endowed the fund in honor of Dr. Harold Alberty, Dr. Boyd H. Bode, Dr. Edgar Dale, Dr. H. Gordon Hullfish, Dr. Ross L. Mooney and Dr. Louis E. Rath.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more graduate fellowships for College of Education students who have been admitted to candidacy for the doctoral degree. The selection of the recipients for the award will be made annually upon the recommendation of the Dean of the College of Education.

The purpose of the fellowship fund is to recognize, encourage and assist outstanding graduate students in education at The Ohio State University who demonstrate promise in contributing much to society.

Should the need for these fellowships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for graduate education.

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**PLANS AND SPECIFICATIONS**

Resolution No. 81-118

*Synopsis: Plans and specifications are being proposed for the following project.*

WHEREAS at the request of the Vice President for Business and Administration, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following project:

May 1, 1981 meeting, Board of Trustees

### **PLANS AND SPECIFICATIONS (contd)**

#### **PAGE HALL, RENOVATION OF ROOMS 200 AND 220**

Project: Repair of deteriorated plaster which is causing hazard to occupants of area; ceiling plaster falling in both rooms 200 and 220.

Funding: Budget Account 885158

Estimated Project Cost: \$55,000.00

#### **NOW THEREFORE**

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the project listed above be approved and that the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for this project and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contract; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Hilliker, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### **REPORT OF AWARD OF CONTRACT AND ESTABLISHMENT OF CONTINGENCY FUND**

Resolution No. 81-119

*Synopsis: A contract has been awarded for the project listed below to the lowest and best bidder in accordance with University procedures.*

WHEREAS a resolution adopted by the Board of Trustees at a previous meeting authorized the President and/or Vice President for Business and Administration to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of a contract for the following project:

#### **DERBY HALL, INSTALLATION OF SPRINKLER SYSTEM FOR FIRE PROTECTION**

Description: Installation of complete automatic sprinkler protection in the Bookstore area of Derby Hall. The system is designed so that it can be enlarged to cover the entire building. This project is the final one in a series of partial sprinkler systems funded in the safety program approved and funded by the Ohio Board of Regents in October, 1975.



May 1, 1981 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACT AND  
ESTABLISHMENT OF CONTINGENCY FUND (contd)**

**Mechanical Contract**

Date Received:	April 16, 1981
No. of Bids:	4
Low Bid:	\$33,500.00
High Bid:	\$45,940.00
Estimate of Cost:	\$56,000.00
Awarded to:	Capital Fire Protection Co., Columbus, Ohio
Total Contract:	\$33,500.00
Total Contingency Allowance:	\$ 5,025.00 which is 15 per cent of construction costs
Total Project Cost:	\$44,715.00
Funding:	Budget Account 885043 (Campus Safety Improvements) funds received Ohio Board of Regents

**NOW THEREFORE**

BE IT RESOLVED, That pursuant to the action previously authorized by the Board, the award of a contract and the establishment of project funds and a contingency fund for the project listed above are hereby reported.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**President Enarson:**

The next action is the single most important action that is to be taken today and if I may editorialize for a brief moment, one of the most important actions that is to be taken in the entire period that I have been privileged to serve this University. This is the specific recommendation that the administration be authorized to seek appropriate enabling legislation to effect the merger of the Ohio Agricultural Research and Development Center into The Ohio State University and, Mr. Chairman, I think you may wish to call upon one of your colleagues to present this.

May 1, 1981 meeting, Board of Trustees

Mr. Galbreath:

This is an authorization to seek appropriate enabling legislation to effect a merger of the Ohio Agricultural Research and Development Center into The Ohio State University.

**AUTHORIZATION TO SEEK APPROPRIATE ENABLING LEGISLATION TO  
EFFECT THE MERGER OF THE OHIO AGRICULTURAL RESEARCH AND  
DEVELOPMENT CENTER INTO THE OHIO STATE UNIVERSITY**

Resolution No. 81-120

*Synopsis: Authorization to seek appropriate enabling legislation to effect the merger of the Ohio Agricultural Research and Development Center into The Ohio State University is proposed.*

WHEREAS the Board of Trustees of The Ohio State University and the Board of Control of the Ohio Agricultural Research and Development Center have agreed upon the desirability of merging the Ohio Agricultural Research and Development Center into The Ohio State University; and

WHEREAS there has been agreement on the suggested wording of a legislative proposal to be presented to the 114th Ohio General Assembly which will effect said merger:

NOW THEREFORE

BE IT RESOLVED, That consistent with the principles agreed upon by the respective Boards and in furtherance of the objective of merging the Ohio Agricultural Research and Development Center into The Ohio State University, the University administration is hereby authorized and directed to seek the enactment of appropriate enabling legislation; and

BE IT FURTHER RESOLVED, That in the event the necessary enabling legislation is approved by the Ohio General Assembly and signed by the Governor, it shall be the intent of this Board that the phasing of the Ohio Agricultural Research and Development Center into The Ohio State University shall be in accordance with the Memorandum of Understanding between the University Board of Trustees and the Ohio Agricultural Research and Development Center Board of Control.

Mr. Galbreath moved the adoption of the above resolution which was seconded by Mr. Immke.

Dr. Jacob:

I might say that this was discussed by the Educational Affairs Committee this morning and we voted favorably on it.

The foregoing resolution was adopted by unanimous roll call vote.

**MEMORANDUM OF UNDERSTANDING**

**Between the Board of Control  
of the Ohio Agricultural Research and Development Center  
and the Board of Trustees of  
The Ohio State University**

1. The Chief Executive Officer for the College of Agriculture and Home Economics, the Ohio Agricultural Research and Development Center, and the Ohio Cooperative Extension Service, which organizations include the College of Agriculture and Home Economics, the School of Home Economics, the School of Natural Resources, and the Agricultural Technical Institute, shall hold the title Vice President for Agricultural Administration and Executive Dean for Agriculture, Home Economics and Natural Resources.
  2. There shall be a Standing Committee on Agricultural Affairs appointed by the Board of Trustees of The Ohio State University, which committee shall include as its Vice Chairman the Director of the Ohio Department of Agriculture, ex officio with voting rights; and such other members as the Chairman of the Board of Trustees may designate.
  3. The Ohio Agricultural Research and Development Center, as well as the Ohio Cooperative Extension Service, shall be authorized to continue receiving line item appropriations from the Ohio General Assembly through The Ohio State University. The Vice President for Agricultural Administration, as well as the Director of the Ohio Agricultural Research and Development Center and the Director of Ohio Cooperative Extension Service, shall be authorized to appear before committees of the Ohio General Assembly, as well as committees of the U. S. Congress, to defend budget requests and all other legislative matters which have received prior approval from the President of OSU and are in keeping with Board of Trustees' policy.
  4. Accounts for financial activity shall be established for OARDC by the University in a manner that parallels the current OCES accounts. The Vice President for Agricultural Administration and Executive Dean for Agriculture, Home Economics, and Natural Resources shall authorize all expenditures from the funds deposited with The Ohio State University for OARDC and OCES. The Vice President for Agricultural Administration will be accountable to the Board of Trustees of The Ohio State University through the Office of the University President for all expenditures which shall be in accordance with policies and procedures of OSU.
- Appropriate OARDC accounts shall be established to receive all monies appropriated to and/or received by The Ohio State University on behalf of the OARDC from grants, contracts, sales of products or items generated by research operations, earned interest income on reserve funds, and any other monies received, including gifts received through the OSU Development Fund.
5. In keeping with the general practice of other U. S. land-grant universities and in accordance with federal and state guidelines, monies appropriated by the USDA, by the Ohio

May 1, 1981 meeting, Board of Trustees

### MEMORANDUM OF UNDERSTANDING (contd)

General Assembly, by Boards of County Commissioners and/or other political subdivisions to OARDC and OCES to provide general support shall be excluded from University overhead assessments. This exclusion from overhead charges will include federal funds coming to OARDC and OCES from federal formula distributions, cooperative agreements, special USDA, and special state grants and projects for which indirect costs are not allowed by the funding agency.

Funds generated from sales of produce or other items incident to the OARDC research programs, from the land assigned by the State of Ohio, whether from agriculture, forestry, [gas, oil or minerals] shall be deposited in appropriate OARDC accounts. No OSU overhead assessment will be made on such earnings unless such assessments are fully justified and approved by the Board of Trustees.

6. Reporting to the Vice President - Agricultural Administration and Executive Dean - Agriculture, Home Economics and Natural Resources will be:

- a. Director, OARDC
- b. Director, OCES
- c. Dean, College of Agriculture and Home Economics
- d. Director, School of Home Economics
- e. Director, School of Natural Resources
- f. Director, Agricultural Technical Institute

It is recognized that these titles and responsibilities may change pursuant to alterations in goals and programs.

7. Faculty paid any or all of their salary from OARDC or OCES funds shall be recognized as tenure track OSU faculty, with attendant rights and privileges of tenure, as well as potential for appointment and promotion to assistant professor, associate professor, and professor. Further, in the case of the OARDC, the criteria for promotion and tenure are to be based on research accomplishments and productivity if the OARDC is the major source of continuing salary support, or on Extension educational accomplishments and productivity if the OCES is the major source of continuing salary support.

8. The motor vehicle fleet of the OARDC shall be operated under supervision of the OARDC Physical Plant Department and the Vice President for Agricultural Administration, subject to policies of The Ohio State University.

9. All research grants and contracts to individual investigators or groups of investigators who are housed at Wooster or at OARDC Outlying Branches, will proceed through review and final approval by the Director, OARDC, and the Vice President for Agricultural Administration before proceeding through the usual University administrative review. Via joint appointment, OSURF (Ohio State University Research Foundation) representation will be developed at OARDC to stimulate interest in and to assist and expedite the internal review processes for individual grants and contracts before submission to outside agencies. Equitable policies shall be developed, mutually agreeable to OARDC and OSURF, with respect to

**MEMORANDUM OF UNDERSTANDING (contd)**

the assignment of indirect cost recovery for projects carried out at OARDC facilities or accomplished in shared OARDC and other OSU facilities. Because of uncertainties in federal requirements for computing indirect cost rates and the manner in which research is costed at various locations, it is agreed to assess this issue for equitability two years hence.

10. Federal formula funding, shall be apportioned, as in the past, between the College of Veterinary Medicine at The Ohio State University and the Department of Veterinary Science at the OARDC and shall continue to support research into the causes, prevention, and control of diseases among farm animals and poultry.

11. All OARDC faculty, administrative and professional staff, and classified employees shall be appointed at The Ohio State University at the same or equivalent rank and tenure status as presently held at the OARDC. Appointments at OSU shall be made within the classification system used by the University, but in no case shall any individual be reduced in salary or status as a result of this action.

12. The present OARDC policy of designating research scientists, with 50% or more OARDC appointment, to undertake assigned research duty at locations or institutions other than their home department shall be continued on the basis that the College of Agriculture and Home Economics research scientists with 50% or more OARDC salary commitment over the prior six years can be away from their Ohio duty posts for six months at full salary or twelve months at half salary under the long-standing practices of assigned research duty at the OARDC and the OARDC shall pick up their total salary during such periods of duty.

13. The Vice President for Agricultural Administration shall report to the President of the University for all administrative and fiscal affairs and to the Provost of The Ohio State University for academic affairs, including appointment, tenure, and promotion of all faculty.

14. Without detracting from the authority or responsibility of the Vice President for Agricultural Administration and/or the Director, OARDC, and the Director, OCES, all of the foregoing operations shall be undertaken in cooperation with and in consonance with University rules as delineated by the OSU Board of Trustees and administered by the President of The Ohio State University.

15. The functions implicit in maintaining physical plant, business affairs, statistics laboratory, library, research operations, and public information shall continue at the OARDC, responsible to the Vice President for Agricultural Administration through the Director of the OARDC. These functions will be coordinated with appropriate offices on the Columbus campus.

16. In recognition of operating procedure differences between The Ohio State University and the Ohio Agricultural Research and Development Center, fiscal 1981-82 shall be considered a year of transition.

--O--

May 1, 1981 meeting, Board of Trustees

## REPORT OF THE MEDICAL RESEARCH AND DEVELOPMENT FOUNDATION

President Enarson called on Dr. Wall and Dr. Fass to present a report for the Medical Research and Development Foundation.

Dr. Wall:

Mr. Devenow and members of the Board, we are nearing completion of the second year of the Medical Research and Development Fund Board which was created as part of the Practice Plan Agreement of March 2, 1979. The function of this Board, as you recall, was to serve as agent to facilitate and monitor the functions of the departmental practice plan which has been approved by the department, by the dean, and by the practice plan committee. Elections were held after this settlement to decide who the six faculty members would be. They were Dr. Ronald Berggren and myself for three years; Dr. James Kilman and Dr. Fass for two years; Dr. David Kelly and Bob Weber for one year. We held our first meeting July 12. We have had eight meetings and, while it may sound terribly boring, I'd like to just hit the highlights of some of them if I may.

At this first meeting, the articles of incorporation and code of regulations and certification of registration for the State of Ohio and appointment of the statutory agent were distributed. Officers were elected, who were Dr. Fass, treasurer; Robert Weber, secretary; myself as president and chairman. We then appointed two committees; one, an executive committee being the elected officers and Dean Henry Cramblett; the finance committee being the treasurer, Dr. Fass, Vice President Vandament, and Dr. James Kilman. I have sat in on that finance committee ex officio so that we would have some continuity. After the discussions and some minor changes in the code of regulations, they were unanimously accepted. At that time, as a group of amateurs (being a sort of polyglot of medical and surgical disciplines and University administrators) at the helm, the Board was launched, and we realized that we probably needed a great deal of professional expertise, especially in the fields of accounting and law. We heeded President Enarson's original plea that we stick to a bare bones operation. This was not difficult to achieve because we had no operational funds whatsoever, and we were going on a promise, so to speak: Dr. Vandament did offer at that first meeting support for a part-time staff person to be hired at some later date, which was considerably later.

We then held another meeting in September, 1979. No departmental plans had been approved at that time that we could function with. The departments had formed their plan and were starting to form their own accounts so that they could keep the money in escrow until such time as the accounts and organizational programs were formed. It was discussed and agreed that there were a lot of things that had to be hacked over, but one of the things that was emphasized was that there would be no charges made against the departments by anyone unless it was a part of the expense for enrichment plans developed by the departments and approved by the dean and the practice plan. It became apparent right away that permission had to be delegated to the finance committee to function in an interim basis so that we could keep moving, and this was delegated so that we could proceed with exploring banking facilities and possibly getting staff help.

May 1, 1981 meeting, Board of Trustees

## REPORT OF THE MEDICAL RESEARCH AND DEVELOPMENT FOUNDATION (contd)

Dr. Wall: (contd)

The third meeting was held a few months later in November, and we had at that time obtained an IRS number and agreed to establish our accounts at the bank on a six month trial basis. We also started to arrange the paperwork to facilitate getting co-signatures from the departmental representatives. By this time, 11 departmental plans had been approved.

We held another meeting a couple months later in January, 1980, and by that time rather extensive bank forms had been completed and signature cards were obtained. Prior to the opening of the bank accounts, departmental funds had been held in individual bank accounts and were then being transferred to our now open account so it could all function through one area. A number of personnel corrections were necessary in University rotaries; funding the situation for those that were now included in the practice plan had to be adjusted. Dr. Vandament said he would make a special effort to do so with Assistant Dean Huddleston of the College of Medicine to see that these were adjusted. At this time no staff had been hired so the work was still being done by the amateurs.

The fifth meeting was held April 3. At that time we had been fortunate in obtaining a young man who was a student about to graduate and had had some experience working here--Bob McMullen has been invaluable in assisting us. His employment was arranged by Dr. Vandament. By March 6, 1980, practically the anniversary of the time of settling, the bank accounts were opened, the 13 departmental subaccounts named MRDF accounts were functioning. Dr. Fass, our treasurer, will discuss and give you details if you wish and answer any questions you might have. It was sort of resolved by the committee at that time that we ought to have some working guidelines on how this thing should work, so this was delegated again to the finance committee to come up with a procedure which was later accomplished. Dr. Vandament at this time also--to correct some problems that might have arisen in the enrichment situation--proposed that the Presidents Club memberships of certain people be 'grandfathered' when they had previously been partially paid under a situation of enrichment so that it would be credited to solve the problem, so there were a number of people involved in that situation.

We held the first meeting of our general membership in May and obviously had to elect new members again because the year had passed. Dr. Atis Freimanis and David Kelly were elected. We needed to take some nominees from the practice plan committee as well as floor nominees.

A week or so later, the sixth meeting of the MRDF was held. The finance committee was authorized at that time to engage an auditing firm to audit the MRDF, and legal counsel was selected. The MRDF reelected the chairman and the treasurer and elected Dr. Freimanis as secretary at this time. The finance and executive committees were kept intact as they had been the first year.

The seventh meeting--a fair amount was accomplished. By this time we were getting a few things done. Essentially, as most of these things have been a report

May 1, 1981 meeting, Board of Trustees

## REPORT OF THE MEDICAL RESEARCH AND DEVELOPMENT FOUNDATION (contd)

Dr. Wall: (contd)

of the finance committee, we had applied and received tax exempt status with the IRS, we had been audited by our auditor, and they had made some suggestions for correcting certain things that would protect the tax exempt status. Variances were noted in 1979-1980 academic enrichment commitments in a few departments and were reported to the Dean of the College of Medicine for resolution. We presented a policy and procedure manual. It was approved and distributed to the departments. We also developed guidelines for the utilization of MRDF departmental accounts, and this was approved and distributed. We developed a uniform format for the preparation and submission of departmental enrichment plans, and this was approved and distribution made to the departments. It's amazing the amount of bureaucracy and paperwork we have generated with one part-time employee.

Certain changes in the enrichment plan, I would comment on--the form of the tax exempt status would be minor and would only apply to a couple of the departments and have since been corrected. The details of these, Dr. Fass will discuss.

The Board again delegated to the finance committee the authority to make any adjustments in keeping with our auditor's suggestions. The practice plan reported at that time that three departmental practice plans had not been submitted for the dean's approval. We then moved to give Robert McMullen, our staff employee, a bigger title, but I don't think he got a raise. I think he was made Executive Secretary of the MRDF; it was really functional for better correspondence; he receives more attention than previously.

The eighth meeting was held yesterday. The treasurer reported on an update of the MRDF, the quarterly and fiscal financial reports. It was reported that the acting dean had approved the final three departmental plans. To complete this report, I will ask Dr. Fass, if he will, to bring you up to date on where we are fiscally. Any questions you may have, I will try to answer them.

Dr. Fass:

Thank you. The first fiscal year, namely fiscal year 1979-1980, the total budget for the whole department (the departmental practice plans)--and these are in rounded figures--is \$1.8 million. Our income the first year included \$800,000 in credits as money expended towards these plans prior to the opening of the bank accounts plus \$900,000 in cash. Other income generated included \$9,000 investment income on balances maintained through the bank. Expenditures included the \$800,000 in credits which had already been expended; \$300,000 in withdrawals; and as of June 30, 1980, on the balance in the central bank account was approximately \$600,000. Our total expenses for the first operating year as Dr. Wall already alluded to were all under a total of \$830. The audit was accomplished by Price Waterhouse, and they found that all the books and expenditures and accounts were in order. The first reports of fiscal year 1980-1981, most



May 1, 1981 meeting, Board of Trustees

**REPORT OF THE MEDICAL RESEARCH AND DEVELOPMENT FOUNDATION (contd)**

Dr. Fass: (contd)

practice plan programs and budgets remain similar. Income in the first three quarters of the current fiscal year is \$1.8 million, withdrawals \$1.9 million, investment interest \$50,000, expenses \$452. We have a balance in our central account, as of March 31, of approximately \$500,000.

Dr. Jacob:

I'd like to ask Vice President Cramblett; are there any department plans that have not been approved as of this date?

Dr. Cramblett:

I think we better direct that to Dr. Fass because the Vice President for Health Sciences, when this was written, was not included administratively. The question was, Bob, has the dean approved all 13 plans? I think you said earlier that he had.

Dr. Fass:

The first fiscal year of operation, every department had an approved practice plan. The current fiscal year, there are still three plans that have not finally been approved. It is my understanding that they are in the process. In some of these the problems with the delay related to major changes within the department in terms of faculty leaving or not getting as many as possible and so some of these delays were based on those kinds of reasons.

Dr. Wall:

I think it should be stated, however, that despite the fact that these plans are not totally approved within the functional system of approval, the asking for funds has continued on the basis of the previous year's funds.

Dr. Jacob: As if they had been approved.

Dr. Vandament:

At this point certainly each of the three departments has submitted a plan, and they're operating under the assumption that it will be accepted. We're simply waiting now for some of the red tape of getting all of the approvals. You will recall, the department chairman had to approve the plan, the dean, and the practice plan committee. I might note that in this first two years of operation, one of the functions of the Medical Research and Development Foundation Board was to have been that of adjudicating any difficulties or any disagreements that might arise when a plan was not approved by all parties, and to this date, we have not yet had one plan referred to us. The departments, the dean, and the practice plan committee have all been able to reach agreement on all the plans.

May 1, 1981 meeting, Board of Trustees

**REPORT OF THE MEDICAL RESEARCH AND DEVELOPMENT FOUNDATION (contd)**

Mr. Galbreath:

Mr. Chairman, do you foresee or envision that we will get an update on how this is all working annually or are we just going to get this one update, and then assume that it goes well or what is the kind of a system that might work on this?

Dr. Wall:

By the practice plan agreement there is supposed to be an annual report. We are early for this year and late for last year. We didn't have anything really accomplished.

Mr. Devenow: Dan, their fiscal year is June 30, right?

Dr. Wall: That's right.

Mr. Devenow:

We've examined their three quarters, and I think that the presentation--I agree with you--should be made annually at the end of their fiscal year.

Mr. Galbreath:

Well, I guess the reason I'm bringing it up--because of the sensitivities, even though it seems to be going well--I'd like to request that when the last three departments have it in place, let's don't wait until the next year to get that report. Could you give us an interim report? I realize that it's a technical thing, but in the community as some of us are, I think it would be better for us to communicate that way.

Dr. Vandament:

The delay on the report of the prior fiscal year was related in part to the fact that we were going back and forth with auditors and attempting to establish the report format, the reporting practices--go back retrospectively with our accounting system--to make sure that it was consistent with the auditors, while with the accounting firms recommendations. For coming years I think there will be no problem at all in issuing timely reports.

Mr. Galbreath:

Well, my question stems clearly from the fact that you say it is a 'red tape' problem. Mine is not one of pressure, mine is one of information. I think it would be helpful, at least to me, to know when the last three are in place.

May 1, 1981 meeting, Board of Trustees

## REPORT OF THE MEDICAL RESEARCH AND DEVELOPMENT FOUNDATION (contd)

Dr. Vandament:

I might add that I have spent a great deal of time, as you might have guessed, with the gentlemen here over the course of the last year and one-half. We've had to go into incredibly detailed technical work to bring into a uniform method the flow of funds and to establish the organization and all of the procedures. Everyone has worked quite hard at it. It has been complicated, but I think also it's been a very rewarding experience for us as well.

President Enarson:

I also think that the next time that the Board puts this matter on the agenda, there needs to be a report from the College of Medicine with respect to what the academic enrichment plans are doing in the way of enrichment; both the actual results and the sense of the situation.

Mr. Devenow:

We've heard those recommendations, Dr. Vandament, and let's see if we can button it up for the Board so they are kept abreast. Any other questions? Thank you, Dr. Wall and Dr. Fass, very much for your presentation.

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## INTRODUCTION OF USG OFFICER

President Enarson:

Yes, I think at this time--I hope Bill Nester won't be too startled--would you take upon yourself the pleasure of introducing Eric to the group?

Dr. Nester:

I'd be happy to. A strong tradition has emerged in recent years of outstanding student leadership in key government positions within the University. Because of class conflicts, Eric Seabrook, who is the Vice President for Undergraduate Student Government, was not able to be here. He is cut in the mold of his predecessors--he is bright, articulate, and dedicated. I would like to present Eric Seabrook at this time.

Mr. Seabrook:

Good afternoon. Basically, I would like to take this opportunity to express the hope of Robert Pritchard, President of the Undergraduate Student Government, and myself that we can continue to carry on the tradition as set down by our predecessors, Rick Ricketts and Paul LaRue, and hopefully we'll have beautiful relations over the coming year. Thank you.

May 1, 1981 meeting, Board of Trustees

### INTRODUCTION OF USG OFFICER (contd)

President Enarson:

I might say to the Board that I've had the opportunity to at least begin to get acquainted with Bob Pritchard and Eric, and I can assure the Board that our Undergraduate Student Government is graced with two very fine, very able, very promising, very dedicated young men.

Dr. Jacob: It's been a pleasing change over the years.

President Enarson: No comment. That concludes my report.

--O--

### TRIBUTE TO PATRICIA D. JAMES

Mr. Devenow:

We have a task to perform here and I have mixed emotions about it. One is that I am sure Patty is relieved to get all these problems behind her. On the other hand, I am sure that we will all miss her. Her term is up as of this meeting and we--May 13 I think is the actual date, Patty--and we'll miss her very much. I have been on the Board with her for many years, and I have developed a tremendous respect for her insight, for her ability to get her hands on serious problems and find solutions, and I think she'll be a great loss to us; on the other hand, I am sure she is very relieved that she will no longer have to face many of these problems. As a result of that, Pat, we have here two gifts for you. One is the gavel that reads as follows:

PATRICIA D. JAMES

IN APPRECIATION OF HER SERVICE  
TO THE BOARD OF TRUSTEES OF  
THE OHIO STATE UNIVERSITY  
MEMBER 1972-1981  
CHAIRMAN 1979-1980

We present this to you. In addition, Pat, there is a gift of a Gorham Revere bowl which is engraved.

IN RECOGNITION OF OUTSTANDING SERVICE TO HER  
ALMA MATER AS A MEMBER OF THE  
BOARD OF TRUSTEES,  
1972 - 1981,  
THE OHIO STATE UNIVERSITY  
CONVEYS TO  
PATRICIA D. JAMES  
ITS DEEP APPRECIATION AND GOOD WISHES

May 1, 1981 meeting, Board of Trustees

### TRIBUTE TO PATRICIA D. JAMES (contd)

Mrs. James:

For the first time, I guess, in nine years I am speechless. They have been threatening me all morning, 'No tears,' but I think I am going to exercise my prerogative as a female and cry anyway. All I can say is that it's been a tremendous journey for me. It's been quite an experience, a learning experience, and a growth experience. I came back to the University after an absence of 15 years. I left here as a wide-eyed student, an idealistic student, never dreaming that I'd ever come back in this capacity. I've certainly appreciated the opportunity to serve--this place really grows on you. I am eternally amazed at the dedication and the commitment to this University that you find wherever you go. It doesn't matter if it's students, alumni, faculty, administration; everybody is so devoted to this University that it is catching. I often have thought that sometimes we get bogged down in routine with resolutions, reports and so on. But when you really stop and take a look back as your term ends--and I am sure you all will go through this--you realize that all of that paper and all those resolutions and plans translate to things--to buildings, to programs, to colleges; and those things then transfer into serving people. And I think the most poignant thing that brings it home to me--that we are serving people--is when you go to commencement and see the joy on the faces of our graduates four times a year and when you see tears in the eyes of mothers and fathers and wives and members of the graduate's family. I certainly have found that it has been quite an experience for me--one that I'll never forget--and I'm sure that my family will never forget. I certainly have appreciated getting to know each and every one of you and I'll miss you; I'll miss you all terribly, but I'm sure we'll see each other again. Thank you.

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### REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 81-121

RESOLVED, That the report on the University's Investment Portfolio, dated April 17, 1981, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

--O--

Thereupon the Board adjourned to meet Thursday, June 11, 1981, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott  
Secretary

Chester Devenow  
Chairman

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APPENDIX IV

Degrees Conferred at

THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

June 12, 1981

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## Recipients of Honors

### **Richard J. Anderle** Doctor of Science

Distinguished scientist and public servant, Richard J. Anderle is recognized internationally for his singular contributions to satellite geodesy. His innovative research brought new precision to the measurement of the earth's gravitational field and greatly increased the accuracy of positioning on the earth, in the air, and at sea. As an architect of the Navy Navigational Satellite System and the Space Surveillance System, he provided exceptional leadership for programs critically important to this nation and earned the deserved recognition of government. His scientific achievements have advanced the frontiers of knowledge. The Ohio State University is honored to honor him for his many contributions to science and to his country.

### **Eileen Heckart** Doctor of Humane Letters

The Ohio State University acclaims Eileen Heckart's distinguished achievements in the performing arts and rejoices that one of its own has contributed so much to the American theatre. A truly exceptional artist, she brings unusual flair and insight to every role. Widely honored for her excellence as an actress, she has received the Outer Circle, Donaldson, and New York Drama Critics Awards for theatre; Emmy and Sylvania Awards for television; and an Oscar for her work in films. Through the years she has retained a special place in her life for her alma mater and has shared her time and talent generously to further theatre at this University. Eileen Heckart personifies the highest standards of her profession and the finest traditions of The Ohio State University.



**Audrey P. Enarson**

Distinguished Service Award

As "First Lady" of The Ohio State University, Audrey P. Enarson has contributed immeasurably to the advancement of this institution and to the creation of good will on its behalf. She has represented Ohio State with unusual sensitivity and skill. She has shared her life generously with others, through a wide range of campus, community, and national groups. Her record of service is impressive. Yet her lasting contribution to this University may best be found in the warmth of personality and the concern for people that made her a superbly effective partner in the leadership of Ohio State.

**Harold L. Enarson**

Doctor of Humane Letters

As history will record, The Ohio State University has been served exceedingly well by Harold L. Enarson. During his nine years as President, he shaped the spirit and mission of this University in lasting ways. Today, Ohio State's programs are stronger and its reputation more eminent than ever before. To the Presidency he brought an incisive mind and firm hand, common sense and compassion, unswerving integrity and high purpose. An articulate and courageous spokesman, he presented issues in sharp focus and gave Ohio State a national voice. He is one of the nation's outstanding academic leaders, widely respected for his commitment to excellence and honored for his contributions to higher education. The Enarson Years have made Ohio State a finer University, and for this, all citizens of Ohio are in his debt.

# The Graduate School

Dean: Jules B. LaPidus

## Doctor of Philosophy

Shirley Jeanette Adams, Jamestown, N. Y.;  
B.A. (State University College at Oswego);  
M.A.; *Education*; *Dr. Gilbert A. Jarvis*

Janice Turk Adkins, Belle, W. Va.;  
A.B. (Oklahoma Baptist University);  
M.S. (Marshall University); *Education*;  
*Dr. William D. Dowling*

Afiong Emmanuel Akpan, UYO (Nigeria)  
Cross River; B.A. (San Francisco State  
University); M.S.; *Home Economics*;  
*Dr. Fern E. Hunt*

Denis Sewa Amara, Freetown, Sierra  
Leone; B.Sc. (Njala University College);  
M.S. (University of Illinois); *Agronomy*;  
*Dr. Robert H. Miller*

David Milton Armstrong, Columbus; B.S.,  
M.S.; *Interdisciplinary: Neuropathology,*  
*Veterinary Pathobiology, Physiological*  
*Chemistry, Anatomy*; *Dr. Leopold Liss*

Alexander Wilson Arthur, Ajumako,  
Ghana, West Africa; B.A. (University of  
New Orleans); M.A.; *Political Science*;  
*Dr. Chadwick F. Alger*

Daniel Olanayan Babalola, Oko Kwara  
State, Nigeria; B.A. (honors) (Ahmadu  
Bello University); M.A. (Ohio University);  
*History of Art*; *Dr. E. Okechukwu Odita*

Daniel Frank Bakos, Carrollton, Ga.;  
B.M., M.M. (University of Cincinnati);  
*Music*; *Dr. William Poland*

Beverly Baer, Columbus; A.B. (Wilmington  
College); M.S.S.W. (University of  
Missouri); *Art Education*;  
*Dr. Kenneth Marantz*

Masomeh Beigum Behrouz, Tehran, Iran;  
B.Sc. (Jondi Shapour University); M.Sc.  
(Pahlavi University); *Horticulture*;  
*Dr. Jean R. Geisman*

Patricia Ann Blair, Los Angeles, Calif.;  
B.S. (University of California at  
Riverside); *Chemistry*;  
*Dr. Harold Shechter*

Terrell Jean Book, Denton, Tex.; B.A.  
(University of Wisconsin); M.A.;  
*Communication*; *Dr. Thomas A. McCain*

Kevin Neal Bott, Cleveland Heights;  
B.S., M.A.; *Business Administration*;  
*Dr. Larry P. Ritzman*

Guri S. Brar, Columbus; B.S. Engr.  
(Punjab University); M.S.; *Civil*  
*Engineering*; *Dr. Alfred G. Bishara*

Betty Marion Brett, St. Johns  
Newfoundland, Canada; B.A. (Ed.)  
(Memorial University of Newfoundland);  
M.Ed. (University of Alberta); B.L.S.  
(University of British Columbia);  
*Dr. Charlotte S. Huck*

Kathleen H. Brewer, Columbus; B.S.,  
M.A.; *Education*; *Dr. Lorren L. Stull*

Bertrand Leo Chenard, New Britain, Conn.;  
B.A. (Central Connecticut State College);  
*Chemistry*; *Dr. John S. Swenton*

Chuen-Pu Jerry Chou, Taichung, Taiwan;  
B.S. Engr. (National Taiwan University);  
M.S. (Indiana University); *Computer and*  
*Information Science*; *Dr. Ming T. Liu*

Barbara Amy Clarke, North Canton;  
B.S., M.S.; *Food Science and Nutrition*;  
*Dr. W. James Harper*

Collie Coleman, Bailey, N. C.; A.B. (Shaw  
University); *Education*;  
*Dr. Lonnie H. Wagstaff*

Timothy Peter Condon, Newburgh, N. Y.;  
B.S. (Boston College); M.S.; *Physiology*;  
*Dr. John J. Curry, III*

Clayton Douglas Cormany, Westerville;  
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- Eudoxia A. Kostopoulou, Kastoria, Greece; B.S.Ed.; *Education*
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- Paul Robert Krebs, Canfield; B.S. (Bowling Green State University); *Physical Education*
- Prem-Lata R. Kumar, New Delhi, India; B.S. University of Madras; Diploma Jawaharlal Nehru University; *Slavic and East European Languages and Literatures*
- Jon David Laiferty, Coshocton; B.S.Ed.; *Education*
- Susan Reed Lancaster, Bellevue, Wash.; B.A. (Washington State University); M.A.; *Journalism*
- Sheridan Derf Landon, Delaware; B.A. (Urbana College); *History*
- Vincent Elliott Lasnik, Cleveland; B.A. (Case Western Reserve University); *Education*
- Mary Marguerite Lassak, Welch, W. Va.; B.S. (Concord College); *Physical Education*
- Tamara T. Latham, Cincinnati; B.S.Ed. (University of Cincinnati); *Education*
- Barbara Ann Laux, Upper Arlington; B.S. (Skidmore College); *Education*
- Cheryl Anne Lawton, Barlow; B.S.; *Psychology*
- Ann Sloan Lee, Dayton; B.A. (University of Kentucky); *Communication*
- Li-Hwa Chen Lee, Taiwan, R.O.C.; B.A. (National Taiwan Normal University); *Education*
- Shang-Heon Lee, Seoul, Korea; B.A. (Seoul National University); *Economics*
- Cheryl Ann Leshnock, Columbus; B.A. (Youngstown State University); *Education*

- Michael William Leyshon, Lancaster; B.A. (Mount Union College); *Sociology*
- Luanne G. Libby, Newark; B.A. (Morningside College); *Education*
- Der-Ming Lieu, Taiwan, R.O.C.; B.A., M.A. (National Taiwan University); *Economics*
- Brian McAllister Linn, Honolulu, Hawaii; B.A. (University of Hawaii); *History*
- Agnes Dakudao Locsin, Davao City, Philippines; (Ateneo de Davao College); *Dance*
- Jean Carol Lodholz, Columbus; B.S. (Bowling Green State University); *Education*
- Janice Lynn Macián, Columbus; B.A. (Ohio Dominican College); *Education*
- Doran Nathaniel Maniece, Beckley, W. Va.; B.A.; *Public Administration*
- Sally Jo Markling, Canton; B.S.Ed. (Capital University); *Education*
- Robelyn Marlow, Dayton; B.S.; *Education*
- Jerry Norman Martin, Columbus; B.S.Ed.; *Education*
- Virginia Ann Mattern, Cleveland; B.A. (Wittenberg University); *Economics*
- Anna Maria Mazzotta, Rome, Italy; Laurea Università Deglistudi De Roma; *Romance Languages and Literatures*
- Lon D. McCue, Delaware; B.Mus. (Bowling Green State University); *Education*
- Pamela Sue McDonald, Mansfield; B.S. (Bowling Green State University); *Education*
- Timothy Jay McNeish, Zanesville; B.S.; *Education*
- Faye Ellen McPherson, Brunswick; B.M. (Muskingum College); *Music*
- Mary Jean McPherson, Ashland; B.M.E. (Wittenberg University); *Music*
- Kathy Elaine McPike, Benton Harbor, Mich.; B.S. (Eastern Michigan University); *Education*
- Guadalupe Tovar Melchor, Hamler; B.A.; *Communication*
- Kevin H. Michael, Columbus; B.A.; *Philosophy*
- Martha Gallagher Michael, Columbus; B.F.A. (Capital University); *Art Education*
- Michael Gerald Mikusa, Bucyrus; B.S.Ed.; *Education*
- Kathryn Anne Miller, Columbus; B.A.; *Communication*
- Robert George Miller, Columbus; B.S.Ed.; *Physical Education*
- Teri Elizabeth Miller, Columbus; B.S.; *Education*
- Betty Morse Minutilli, Columbus; B.S.; *Education*
- Katherine W. Morris, Rocky River; B.A. (Bowling Green State University); *Education*
- Herbert Lee Morton, Jr., Cleveland; B.A. (University of Chicago); *Black Studies*
- Debra Joyce Moulton, East Charleston, Vt.; B.A. (Eastern Nazarene College); *Education*
- David George Munroe, Wells, Me.; B.S. (Fitchburg State College); *Education*
- Marilyn Powell Murray, Mansfield; B.A. (College of Wooster); *Anthropology*
- Rita Ann Musacchia, Dayton; B.A. (Walsh College); *Physical Education (Health Education)*
- Karl Warner Nehring, Gary, Ind.; B.A. (Brigham Young University); *Philosophy*
- Sheila Eileen Noonan, Bryn Mawr, Pa.; B.S. (Denison University); *Physical Education*
- Kathleen Ann Nowak, Springville, N. Y.; B.S. (Ithaca College); *Physical Education*
- Mary Jane Cooper O'Brien, Columbus; B.S.M. (Capital University); *Education*
- Gaylord A. Odegaard, Seranton, N. D.; B.A. (Warburg College); B.D. (Warburg Theological Seminary); *Education*
- Stephen Randle Olena, East Aurora, N. Y.; B.A. (Hiram College); *Education*
- Michael James O'Neill, Redding, Conn.; B.S. (University of Vermont); *Physical Education*
- Timothy Allan Onkka, Faribault, Minn.; B.A. (Carleton College); *Psychology*
- Robert Francis Orlos, Columbus; B.S. (Central Michigan University); *Journalism*
- Brian Douglas Osgood, Orchard Lake, Mich.; B.A. (Miami University); *Economics*
- J. Russell Page, Mt. Vernon; B.A. (Pacific Union College); *Education*
- Annick Marie Parker, Bithurg, West Germany; B.S.; *Psychology*
- Roy Davies Parry, Perrysburg; B.A. (Central State University); *Political Science*
- Lucinda Ann Peck, Stanford, Ky.; A.B. (Eastern Kentucky University); *English*
- Deborah L. Pettiti, Alliance; B.S. (Kent State University); *Education*
- Katherine Lee Petto, Olmsted Falls; B.A. (Wittenberg University); *Physical Education*
- Roberta Plaatt, Cleveland; B.Mus.Ed.; *Education*
- Linda Decker Pohle, Orient; B.S.; *Education*
- Phil E. Porter, Cleveland; B.A. (Michigan State University); *Journalism*
- Mary Atkeson Powell, Riverlea; B.A.; *Education*
- Linda L. Price, Columbus; B.S.Soc.Wel.; *Education*
- Vesna R. Prodanovich, Midland, Pa.; B.A. (Pennsylvania State University); *Political Science*
- Sherry Friedrichs Puchstein, Columbus; B.S.; *Education*
- Chris Diane Rader, Cincinnati; B.A. (Hanover College); *Education*
- Anat Rafaeli, Haifa, Israel; B.A. (Haifa University); *Psychology*
- Bruce Allen Reck, Columbus; B.A.; *Public Administration*
- Debra Kay Reynolds, Ashland; B.S. (Ashland College); *Education*
- Nannette Sanders Reynolds, Columbus; B.Mus. (Capital University); *Music*
- Thomas Wesley Rice, Chillicothe; B.A.; *Public Administration*
- Matthew Robert Riley, Dayton; B.A.; *English*
- Angelique Colleen Rinehart, Ashville; B.S.Ed.; *Physical Education*
- Michael Francis Ring, Marion; B.A. (Capital University); *Education*
- Claire Frison Roehm, Houston, Tex.; B.S. (Northwestern University); *Physical Education*
- Mark Alan Rogoff, Trenton, N.J.; A.B. (Muhlenberg College); *Education*
- Sue Lynn Schellpeper Rohrer, Oconomowoc, Wis.; B.S. (University of Wisconsin); *Physical Education*
- Jayne A. Rolfe, Dayton; B.A. (University of Dayton); *Journalism*
- Paul Bernard Rolfe, Dayton; B.A. (University of Dayton); *Journalism*
- Thomas Rollins, Washington, D. C.; B.A. (Ohio Wesleyan University); *Psychology*
- Shelley Ann Rose, Atlanta, Ga.; B.S. (University of North Carolina at Chapel Hill); *Education*
- Paige L. Royer, Worthington; B.S. (Otterbein College); *Education*
- Patricia Louise Rupich, Youngstown; B.S. (John Carroll University); *Economics*



- Sallie M. Samuels, St. Louis, Mo.; B.A. (Denison University); *Physical Education*
- Julie Ann Scheiner, Solon; B.S.Ed.; (Bowling Green State University); *Physical Education*
- Bruce A. Schneider, Columbus; B.A. (Otterbein College); *Education*
- Susan Marie Schofer, Columbia, Mo.; B.S. (University of Missouri); *Education*
- Shirley Jannette Schostarez, Columbus; B.S. (Clarion State College); *Education*
- Pamela L. Sebastian, London; B.S.Agr.; *Education*
- Karen Lee Sellhausen, Milwaukee, Wis.; B.S. (University of Wisconsin at Stevens Point); *Education*
- Susan Michelle Sheets, Columbus; B.Art Ed.; *Art Education*
- Beth Ann Sheumaker, Columbus; B.S.; *Education*
- Ralph E. Shibley, Jr., Columbus; B.S.Ed.; *Education*
- Karen L. Shriver, Euclid; B.A. (Baldwin-Wallace College); *History of Art*
- Douglas C. Singer, Columbus; B.S.; *Physical Education*
- Janet Lynn Skidmore, Highland Park, Ill.; B.A. (University of Illinois); *Dance*
- Jackie Lynn Slater, Barberton; B.S.Ed. (Kent State University); *Education*
- Rena Marie Smolaki, Providence, R. I.; B.A. (Bard College); *Dance*
- Nancy Anne Karnes Snashall, Grove City; B.S.Ed.; *Education*
- Mary Elizabeth Soltys, Columbus; B.A. (College of Wooster); *Education*
- Jan Barbara Spitzer, Denver, Colo.; B.Mus. (University of Colorado); *Music*
- Carolyn Sue Stevens, Mansfield; B.A. *Education*
- DeVon Renard Stokes, La Mesa, Calif.; B.A. (Oakwood College); *Psychology*
- Lorraine Beth Straw, Shelby; B.A. (College of Wooster); *Psychology*
- Jack Marshall Stryker, New York City, N. Y.; B.A. (Herbert H. Lehman College of the City University of New York); *Sociology*
- Gregory A. Sucilla, Homewood, Ill.; B.A. (DePaul University); *Political Science*
- Leslie Caroline Sugiuchi, South Euclid; B.A. Mansfield State College; *Education*
- Ann Munger Sullivan, Lima; B.S.Ed.; *Education*
- Felicity Sutcliffe, Durban, South Africa; B.Sc. (University of Natal); *Geography*
- Ronald Shelton Swann, Greensboro, N. C.; B.A. (University of North Carolina at Charlotte); *Black Studies*
- Christopher Anton Swartz, Atlantic City, N.J.; A.B. (Marietta College); *Education*
- Margaret Jeanne Talley, Columbus; B.S.Soc. Wel.; *Education*
- Sumolmalya Tamavimok, Bangkok, Thailand; B.Ed. (Chulalongkorn University); *Education*
- Aiji Tanaka, Tokyo, Japan; B.A. (Waseda University); *Political Science*
- Mary Ann Tencza, Worthington; B.A.; *Communication*
- James B. Thomson, Syracuse, N. Y.; B.S. (Georgia Institute of Technology); *Economics*
- Joyce Lynne Timmons, Springfield; B.A. (Capital University); *Education*
- Jon Mark Tisone, Youngstown; B.S.; *Education*
- Jennifer Messick Tope, Kenton; B.S.Ed.; *Education*
- Toshiko K. Townley, Nagoya, Japan; B.A. (Aichi University); *East Asian Languages and Literatures*
- Edwin Dean Townsend, Eaton; B.S. (Miami University); *Education*
- Robert Douglas Tracy, Columbus; B.S. (University of Illinois); *Public Administration*
- Nancy Maria Traini, Columbus; B.S.Ed.; *Education*
- Pamela Jill Tremaine, Columbus; B.F.A. (Miami University); *Art Education*
- Timothy J. Tritch, Dayton; B.A. (Ohio University); *Education*
- Pan-long Tsai, Changhwa, Taiwan, R.O.C.; B.A. (National Taiwan University); *Economics*
- Phonpip Unyakiat, Ratburi, Thailand; B.Ed. (Sri Nakharinwirot University); *Education*
- Judy Lois Van Kirk, Columbus; B.S.Ed.; *Education*
- Sally Freeman VanMeter, Fresno, Calif.; B.A. (Fresno State College); *Political Science*
- Joe Vaffer, Amsterdam, Netherlands; B.S. (Wright State University); *Public Administration*
- Catherine Ann Veselenak, Byesville; B.S. (Ohio University); *Education*
- Ernestine Ruth Vian, Reynoldsburg; B.A., B.S.Ed.; *Education*
- Nancy Elizabeth Vita, Worthington; B.S.Ed. (Ohio University); *Education*
- Carl M. Vogelhuber, Dayton; B.Liberal Studies (University of Oklahoma); *Education*
- Frederick Joseph Vona, Jr., Belmont, Mass.; B.S. (State College at Fitchburg); *Physical Education*
- Christine VonIns, Millersport; B.Mus.Ed.; *Education*
- Helen Harris Walker, Haverford, Pa.; B.S. (University of North Carolina at Greensboro); *Dance*
- John Robert Walter, Springfield, Va.; B.S. (Virginia Polytechnic Institute and State University); *Economics*
- Eva Weisz, Columbus; B.S. (University of Cincinnati); *Education*
- Marsha K. Weston, Marion; B.A.; *Education*
- Michael D. Wilkinson, Columbus; B.A. (The College of Wooster) *Public Administration*
- Edward Charles Woodman, Gahanna; B.S.Ed.; *Education*
- Donald Ray Yates, Dayton; B.S.Ed.; *Physical Education*
- Michael Kamel Yousseuf, New York City, N.Y.; B.S. (State University of New York at Brockport); *Dance*
- Peter Edward Zappala, Hanover, N. H.; B.S. (University of New Hampshire); *Physical Education*
- Melissa Zarich, Youngstown; B.S.; *Education*
- Joanne Marie Zwick, Parma; B.S.Ed.; *Education*

## Master of Business Administration

- Ronald James Albaugh, Gnadenhutten; B.S. (Kent State University); *Business Administration*
- Gary L. Alessio, Upper Saddle River, N. J.; B.A. (Wittenberg University); *Business Administration*
- James Reid Allen, Hudson; B.A. (DePauw University); *Business Administration*
- Jeffrey W. Anderson, Maumee; B.F.A. (Miami University); *Business Administration*
- Kenneth L. Barden, Westerville; B.S.I.S.E.; *Business Administration*
- Faith Elizabeth Bauer-Tomich, Columbus; B.S.; Bus.Adm.; *Business Administration*

- Gary Beegle, Wooster; B.S.Agr.; *Business Administration*
- Charles E. Bennett, Columbus; B.S.B.A. (Franklin University); *Business Administration*
- Ralph Edgar Best, Columbus; B.S.E.P., M.S.; *Business Administration*
- Marko Boh, Worthington; B.S.Bus.Adm.; *Business Administration*
- Richard Lee Burrell, II, Worthington; B.S.Bus.Adm.; *Business Administration*
- Eric K. Busch, Tiffin; B.A.; *Business Administration*
- Peter George Cassanos, Newark; B.A. (Hanover College); *Business Administration*
- Eloy A. Castroverde, Columbus; B.S. (University of Tennessee); *Business Administration*
- James L. Clover, Dublin; B.S. (Miami University); *Business Administration*
- Howard Kruger Cohen, Columbus; B.A. (University of Delaware); *Business Administration*
- H. Dean Conley, Columbus; B.A.; *Business Administration*
- Janice Marie Crews, Columbus; B.S.Bus.Adm.; *Business Administration*
- Richard J. Cummings, Pickerington; B.S. (Franklin University); *Business Administration*
- Charles Henry Dankworth, Columbus; B.A.; *Business Administration*
- Jchn W. Daugherty, Granville; B.S.M.E. (University of Akron); M.S.M.E.; (Northeastern University); M.S., Ph.D.; *Business Administration*
- Robert Camiel De Clerck, Jr., Rochester, N. Y.; B.S. (State University College at Fredonia); *Business Administration*
- Philip Anthony Diniz, Lodi, Calif.; B.A. (San Francisco State University); *Business Administration*
- Mattie Delores Evans, Birmingham, Ala.; B.S.; *Business Administration*
- Gary Lyn Finckel, Newark; B.S. (United States Merchant Marine Academy); *Business Administration*
- Violet M. Gallagher, Worthington; B.S. (Kent State University); *Business Administration*
- Craig Alan Giffi, Columbus; B.S.Bus.Adm.; *Business Administration*
- Marcie Ann Golden, Columbus; B.A.; *Business Administration*
- Richard Perry Gordon, Charleston, W. Va.; B.S. (West Virginia University); *Business Administration*
- Timothy Johnson Green, Cambridge; B.S.; *Business Administration*
- Robert Evans Grossman, Columbus; B.S.; *Business Administration*
- Jane Patricia Hack, Cincinnati; B.S. (Saint Louis University); *Business Administration*
- Daniel M. Hague, Worthington; B.S. (Virginia Polytechnic Institute and State University) *Business Administration*
- Kenneth William Hover, Cincinnati; B.S. (Indiana Institute of Technology); *Business Administration*
- Colleen Irene Janick, Columbus; B.S. (University of Illinois); *Business Administration*
- Vikram B. Jayasimha, India; B.Tech. (University of Madras); *Business Administration*
- Maribeth Brennan Jette, Columbus; B.S. (Central Connecticut State College); *Business Administration*
- Rosa M. Jones, Rochester, N. Y.; B.A. (Shaw University); *Business Administration*
- Clyde Conley Kahr, Mt. Vernon; B.A. (Cornell University); J.D.; *Business Administration*
- Emil C. Kwaczala, Cleveland; B.A.; *Business Administration*
- Pin Toong Lam, Singapore; B.Sc. (Indiana University); *Business Administration*
- William V. Lazar, Delaware; B.S.E.E. (University of Pittsburgh); *Business Administration*
- William Stanley Lisle, Columbus; B.S.; *Business Administration*
- Dustin J. Macgregor, Minneapolis, Minn.; B.A. (University of Minnesota); *Business Administration*
- Therese Jean Magee, Chicago, Ill.; B.S. (Purdue University); *Business Administration*
- Arun Malhotra, Delhi India; B.Tech. (Indian Institute of Technology); M.S. (State University of New York at Stony Brook); *Business Administration*
- Rodney James McQueen, Worthington; B.A. (Monmouth College); *Business Administration*
- Marlyn Albright Michael, Delaware; B.A. (Meredith College); *Business Administration*
- Patrick J. Moskos, Southgate, Mich.; B.S.A. (University of Michigan); *Business Administration*
- Michael Wright Murphy, Columbus; B.B.A. (University of Notre Dame); *Business Administration*
- David Paul Nelson, Rocky River; B.A. (Hillsdale College); *Business Administration*
- Ronald S. Ohsner, Columbus; B.A.Jour.; *Business Administration*
- Carol Marsh Porter, Fairview Park; B.A. (Miami University); *Business Administration*
- Burton L. Preston, Mansfield; B.S.E. (University of Michigan); *Business Administration*
- Susan Dee Prosek, Fremont; B.S., Bus.Adm. (Bowling Green State University); *Business Administration*
- Paul Warner Railsback, Centerville, Ind.; B.S., M.S. (Indiana University); *Business Administration*
- James Alan Remnant, Parma Heights; B.A. (College of Wooster); *Business Administration*
- Linda Orlandy Rings, La Grange, Ill.; B.A. (DePauw University); *Business Administration*
- Mukesh Rustagi, New Delhi, India; B.Tech. (Indian Institute of Technology) M.S.; *Business Administration*
- Thomas Patrick Ryan, Columbus; B.S.; *Business Administration*
- David A. Schluer, Louisville, Ky.; B.S.Bus.Adm.; *Business Administration*
- Mark Alan Schmaltz, Wapakoneta; B.S. (Bowling Green State University); *Business Administration*
- Joseph Vernon Schultz, Columbus; B.Mus., M.Mus. *Business Administration*
- Floyd Shepherd, Columbus; B.S. (University of Akron); *Business Administration*
- Gerald R. Smith, Worthington; A.B. (University of South Dakota); *Business Administration*
- Gary Matthew Solomon, Painesville; B.S. (Bowling Green State University); *Business Administration*
- John Suciu, III, Centerville; B.S.M.E. (Carnegie Mellon University); M.S.M.E. (University of Washington); *Business Administration*
- William Chak Lam Szeto, Lexington; B.S.E.E.; *Business Administration*
- Joseph A. Taglia, Columbus; B.S. (Franklin University); *Business Administration*
- Rajeev Kumar Tantia, Calcutta, India; B.Eng. (Birla Institute of Technology and Science); *Business Administration*
- Daniel M. Torchia, New Kensington, Pa.; B.S. (Pennsylvania State University); *Business Administration*
- Roger Allen Vaughan, Upper Arlington; E.A. (Kenyon College); *Business Administration*
- Severino B. Vergara, Calamba, Laguna, Philippines; B.S., M.S. (University of the Philippines); *Business Administration*
- Mark Edward Weinrich, Columbus; B.S.Bus.Adm.; *Business Administration*
- Bruce Douglas Wilson, Ravenna; B.A. (Ohio Wesleyan University); *Business Administration*

Robert M. Wolin, Hewlett, N. Y.; B.S. (University of Maryland); *Business Administration*

Richard J. Wuebker, Versailles; B.S.; *Business Administration*

David G. Wunderlin, Hood River, Ore.; B.A.; *Business Administration*

Constantine Steve Yannias, Addison, Ill.; B.S.Bus.Ad.; *Business Administration*

William R. Yeack, Whitehouse; B.S.Bus.Ad.; *Business Administration*

Daniel Lee Yeater, Ashland; B.S.M.E. (General Motors Institute); *Business Administration*

Nada Rankovic Yost, Kraljevo, Yugoslavia; E.S. (Franklin University); *Business Administration*

Larry A. Zimmerman, Upper Arlington; B.S. E.E. (University of North Dakota); *Business Administration*

## Master of City and Regional Planning

Ghulam Mustafa Behlmi, Bombay, India; B.Arch. (Indian Institute of Technology); M.Arch.; *City and Regional Planning*

George Cameron Cantor, Parma; B.A.; *City and Regional Planning*

Allen Marc Cohen, Philadelphia, Pa.; B.S. (Drexel University); *City and Regional Planning*

David Robert Dysard, Tiffin; B.A.; *City and Regional Planning*

Amy Louise Garant, Quincy, Ill.; B.S. (University of Illinois); *City and Regional Planning*

Terri Kim Griffith, Circleville; B.A.; *City and Regional Planning*

Dianne Ethel Johnson, Walpole, Mass.; B.A. (University of Massachusetts); *City and Regional Planning*

Daniel Jefferson Kading, Gambier; B.A.; *City and Regional Planning*

Roland Roger Klee, West Simsbury, Conn.; B.A. (New York University); *City and Regional Planning*

Revocatus Almasi Lugongo, Nansio, Tanzania; Diploma (Ardhi Institute); *City and Regional Planning*

Peter Michael McHugh, New Hyde Park, N. Y.; B.S. (University of Dayton); *City and Regional Planning*

Adiele Godson Nwankwo, Umuahia, Nigeria; B.A. (Miami University); *City and Regional Planning*

Kavita K. Pandit, Bombay, India; B.Arch. (University of Bombay); *City and Regional Planning*

David John Pasquariello, Schenectady, N. Y.; B.A. (Siena College); *City and Regional Planning*

Robbie Lynn Sarles, New Albany, Ind.; B.S. (Western Kentucky University); *City and Regional Planning*

Russell Davis Schaedlich, Mentor; B.A. (Miami University); *City and Regional Planning*

William Joseph Wozencraft, Pascagoula, Miss.; B.A. (University of Detroit); *City and Regional Planning*

## Master of Fine Arts

Robin Nulini Jean Bhatia, Pullman, Wash.; B.A. (Washington State University); *Art*

Michael T. Gross, Mt. Prospect, Ill.; B.F.A. (University of Wisconsin at Whitewater); *Art*

Christopher J. Merrill, Columbus; B.A.; *Theatre*

Sue Carroll Purcell, Worthington; B.F.A.; *Art*

Karen Dee Tuss, Dayton; B.F.A. (Miami University); *Art*

## Master of Health Administration

Charles Edwin Ansley, Westerville; B.S., M.A. (Central Michigan University); *Allied Medical Professions*

David Jeffrey Arnold, Austintown; B.A. (Hiram College); *Allied Medical Professions*

Richard Regan Bannick, Bellevue, Wash.; B.A. (University of Washington); *Allied Medical Professions*

Joseph A. Barylak, Columbus; B.S.; *Allied Medical Professions*

Deborah Lynn Dorsky, University Heights; B.S. (Michigan State University); *Allied Medical Professions*

Joseph George Felkner, Columbus; B.S.Bus.Ad.; *Allied Medical Professions*

Sue Watt Foster, Greensburg, Pa.; B.A. (College of Wooster); *Allied Medical Professions*

Robert John Gilbert, Rumford, Me.; B.A. (University of Maine at Orono); *Allied Medical Professions*

David Lee Hoff, Ann Arbor, Mich.; B.S. (The University of Michigan); *Allied Medical Professions*

Judith Ellen Knechtges, Grafton; B.S. (Ohio Northern University); *Allied Medical Professions*

Barbara Ruth Kupetzky, Baltimore, Md.; B.A. (University of Maryland); *Allied Medical Professions*

Thomas Lee Kylo, Bloomington, Minn.; B.A. (Concordia College); *Allied Medical Professions*

James Michael Lee, Louisville, Ky.; B.A. (University of Kentucky); *Allied Medical Professions*

Thomas Alan Moser, Columbiana; B.S.Bus.Ad.; *Allied Medical Professions*

David Clark Neff, Columbus; B.S.; *Allied Medical Professions*

Kenneth Robert Steele, Shelby; B.S.Bus.Ad.; *Allied Medical Professions*

Gerald Matteusz Szkotnicki, Buffalo, N. Y. B.S. (University of Rochester); *Allied Medical Professions*

Janet Yaniglos, Youngstown; B.S. (Youngstown State University); *Allied Medical Professions*

## Master of Labor and Human Resources

James William Kuhn, Columbus; A.B. (Kenyon College); *Labor and Human Resources*

Jacqueline Lea Mercier, Champaign, Ill.; B.S.; *Labor and Human Resources*

Chimezie A. B. Osigweh, Ejemekwuru-Owerri, Nigeria; B.Sc. (East Tennessee State University); M.A.; *Labor and Human Resources*

Dee Ann Pelletier, Columbus; B.S. (University of Houston); *Labor and Human Resources*

## Master of Music

Earl Crafton Beck, Memphis, Tenn.; B.Mus.Ed.; *Music*

Linda Alice Crouch, Granville; B.A. (Ohio University); M.A.; *Music*

Michael Eldon Dellinger, Columbus; B.Mus.; *Music*

Stephen Wayne Dodge, Columbus; B.Mus.; *Music*

Kent David Larmee, Upper Arlington; B.Mus.Ed.; *Music*

Anne N. Ngo, New York City, N. Y.; B.Mus. (Queens College of the City University of New York); *Music*

## Master of Public Administration

Quay Yvonne Howell Barnes, Fort Wayne, Ind.; B.S. (Indiana State University); *Public Administration*

Brian Charles Cook, Grandview Heights; B.A.; *Public Administration*

Beverly Payne Dodson, Mount Vernon; B.A. (Miami University); *Public Administration*

Franklin Jon Gencur, Amherst; B.A.; *Public Administration*

Robert Allen Hardy, Lucasville; A.B. (Ohio University); *Public Administration*

Patricia Ann Humphrey, Columbus; B.G.S. (Kent State University); *Public Administration*

Robert James Layton, Washington, D. C.; B.A. (Miami University); *Public Administration*

Janet E. Foley Orosz, Cuyahoga Falls; M.S.W.; *Public Administration*

Lauree Raica, Westerville; B.S.Ed., M.S.W.; *Public Administration*

Philip Reed Robles, Arcade, N. Y.; B.A.; *Public Administration*

Janice Marie Sabett, Columbus; B.A. (University of Akron); *Public Administration*

Glen Robert Stuart, Bay Village; B.A. (Case Western Reserve University); *Public Administration*

Patricia Ann Tabscott, Springfield; B.S. (University of Evansville); *Public Administration*

Mark Allen Tanenbaum, Bexley; B.A.; *Public Administration*

Jeffrey J. Thiemann, Cincinnati; B.A. (Miami University); *Public Administration*

## Master of Science

Mousa A. M. Abou-Taleb, Kuwait; B.S. (Ain Shams University); *Agronomy*

Ali Abur, Ankara, Turkey; B.S. (Middle East Technical University); *Electrical Engineering*

Greg Donald Anderson, Worthington; B.S.C.E.; *Civil Engineering*

Carl Richard Andrews, Barberton; B.S. (University of Akron); *Mathematics*

Randall L. Apel, Huber Heights; B.S.Ch.E.; *Chemical Engineering*

Sheryl Ann Arnold, Wellington; *Agricultural Education*

Aniati Murni Arymurthy, Jakarta, Indonesia; Sarjana Teknik (University of Indonesia); *Computer and Information Science*

Salman Aziz, Karachi, Pakistan; B.B.A. (University of Texas at Austin); *Agricultural Economics and Rural Sociology*

Mahmood Babae Jandaghi, Kermanshah, Iran; B.S. (University of Tabriz); *Civil Engineering*

Kathryn Elizabeth Babits, Columbus; B.S.; *Allied Medical Professions*

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Dale Joseph Borger, St. Henry;  
B.S.Soc.Wel.; *Social Work*

Terry Alan Boyd, Cleveland; B.A.  
(Defiance College); *Social Work*

Leigh Stewart Brewster, Orchard Lake,  
Mich.; B.A. (Ablion College); *Social Work*

Bonnie Mae Brotherton, Oberlin; B.A., B.S.  
(Taylor University); *Social Work*



- Pamela Ruth Bushnell, Grove City; B.S. (Southern Illinois University); *Social Work*
- Claire Allison Cipolaro, Pompton Lakes, N. J.; B.A. (Marshall University); *Social Work*
- James Douglas Clark, Columbus; B.A. (Defiance College); *Social Work*
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- David H. Curry, Wilmington, Del.; B.A. (Washington University); *Social Work*
- Loren John D'Amore, Brookfield; B.S. (John Carroll University); *Social Work*
- Julie Demeter Darling, Great Neck, N. Y.; B.S. (Trinity College); *Social Work*
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- Berneta R. Davison, Cincinnati; B.S. (University of Nebraska); *Social Work*
- Joseph Edward DeCapite, Cleveland; B.A. (Kent State University); M.A.; *Social Work*
- Sharon Laney Decker, South Bend, Ind.; B.A. (Indiana University at South Bend); *Social Work*
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- Marianne Argetsinger Derr, Delaware; B.A. (Antioch College); *Social Work*
- Patricia Diana Bennink Dodds, Columbus; B.A. (Calvin College); *Social Work*
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- William Palmer Ellsworth, Bucyrus; B.S. (Bowling Green State University); *Social Work*
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- Kimberly Noel Fahrney, Dayton; B.S.S.W. (Bowling Green State University); M.A.; *Social Work*
- Angela G. Finney, Coshocton; B.S.Ed. (Kent State University); M.A. *Social Work*
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- Thomas Alan Fuller, Akron; B.A. B.S.W. (University of Akron); *Social Work*
- Susan Frances Gallagher, Akron; B.A. (Baldwin-Wallace College); *Social Work*
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- Lori Kagan-Moore, Columbus; Bachelor of General Studies (University of Michigan); *Social Work*
- Andria Jill Katz, Beachwood; B.S.; *Social Work*
- Margaret L. Kelder, Cornwall, N. Y.; B.A. (College of Saint Rose); *Social Work*
- Harold D. Keller, Columbus; B.S.W. (Case Western Reserve University); M.A.; *Social Work*
- Virginia Carolyn Kelley, Columbus; B.A. (Baldwin-Wallace College); *Social Work*
- Cheryl Denise King, Akron; B.S.Soc.Wel.; *Social Work*
- Mary Virginia Kirsch, Hamilton; B.S. (University of Cincinnati); *Social Work*
- Constance Kontras, Columbus; B.A. (University of Arizona); *Social Work*
- Robbin Elaine Kuntz, Harrison; B.A. (Georgetown College); *Social Work*
- Lisa Marie LaFramboise, Columbus; B.S.W. (Manchester College); *Social Work*
- Linda Donnell Lee, Eutawville, S. C.; B.S. (South Carolina State College); *Social Work*
- Yuk-Hi Patrick Leung, Hong Kong; Diploma (Hong Kong Baptist College); M.A.; *Social Work*
- William D. Lewis, Jr., Columbus; B.A. (Dartmouth College); *Social Work*
- Rose Maria Lobo, New Bedford, Mass.; B.A. (Southeastern Massachusetts University); *Social Work*
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- Margaret Rose Lovas, Dayton; B.A. (Wright State University); *Social Work*
- William Joseph Malone, II, Reynoldsburg; B.S. (Bowling Green State University); *Social Work*
- Amy Kathleen Markovitz, Wooster; A.B. (Miami University); *Social Work*
- Kevin Douglas Marks, Maumee; B.S. (Denison University); *Social Work*
- Kathryn L. Mihelich-Helms, Columbus; B.A. (Purdue University); *Social Work*
- Jill Brantley Miles, Pickerington; B.S. (Troy State College); *Social Work*
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- Curtis Moransee, III, Columbus; B.A. (Ohio Dominican College); *Social Work*
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- Frances Jean Odenweller, Columbus; B.A. (Glassboro State); *Social Work*
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- Lesly Jean Patterson, Leetonia; B.A., M.A.; *Social Work*
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Elaine Rentel, Ambridge, Pa.; B.A.  
(Pennsylvania State University); *Social Work*

Christine D. Richards, Circleville;  
B.A. (University of Kentucky); *Social Work*

Brenda Hores Rinkes, Bridgeport;  
B.A. (Ohio University); *Social Work*

Ronald Lynn Rosser, Ponca City, Okla.;  
B.S. (Central State University); *Social Work*

Robert Charles Rowland, Columbus; B.S.;  
*Social Work*

Judith Ann Rowse, Harpster; B.A. (Ohio  
Northern University); *Social Work*

Linda Merritt Royalty, Worthington;  
B.A. (College of Wooster); M.A. (Oberlin  
College); *Social Work*

Anne Jeanne Scaperoth, Columbus;  
B.S.Soc.Wel.; *Social Work*

Lorraine Ann Schneider, Danville; B.S.Ed.  
(Bowling Green State University); *Social Work*

Jody Beth Schwab, Cincinnati; B.A.  
(Hobart and William Smith Colleges);  
*Social Work*

Michael Francis Schwaiger, Springfield;  
B.A. (Morehead State University); *Social Work*

Robin Lynn Seymour-Hicks, Columbus;  
B.S.Soc.Wel.; *Social Work*

Lowell E. Shoaf, Columbus; B.S., M.A.;  
*Social Work*

Lourdes Simón, Dayton; B.S.Soc.Wel.;  
*Social Work*

Julie Anne Skinner, Akron; B.A.  
(University of Akron); *Social Work*

Jane Ann Snider, Cincinnati; B.S.  
(Graceland College); *Social Work*

Mary G. Sommer, Columbus; B.A. (Park  
College); *Social Work*

Ursula Stein, Cleveland; B.S.Ed.; *Social Work*

Donald Albert Stevens, Toledo;  
B.S.Soc.Wel.; *Social Work*

Cathy Louise Stienecker, Beavercreek;  
B.A. (Miami University); M.A.; *Social Work*

Shawna Sue Stockdale, Rochester, N. Y.;  
B.A. (Empire State College); *Social Work*

Donald Kunkel Sykes, Jr., Oxon Hill, Md.;  
B.S. (University of Maryland); *Social Work*

Cassandra Delores Todd, Memphis, Tenn.;  
B.S. (Lincoln University); *Social Work*

Carol Monroe Traeger, Columbus; B.A.  
(Capital University); *Social Work*

Deborah A. Urquhart, Newsoms, Va.; B.A.  
(Virginia State College); *Social Work*

Linda C. Waddle, Jamestown; B.S.S.W.  
(University of Cincinnati); *Social Work*

Larry H. Wallerstein, Erie, Pa.; B.A.  
(Case Western Reserve University); M.A.  
*Social Work*

Huan-Li Wang, Taipei, Taiwan, R.O.C.;  
B.A. (College of Chinese Culture); *Social Work*

Patricia Lee Williams, Niles; B.A. (Kent  
State University); *Social Work*

Linda Ann Williamson, Centerville; B.A.  
(Georgetown College); *Social Work*

Barbara Ann Zalusky, Franklin Square,  
N. Y.; B.S. (State University College at  
Brockport); *Social Work*

Raymond Zamudio, Biggs, Calif.;  
B.S.; *Social Work*

## Colleges of the Arts and Sciences

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College of the Arts

College of Biological Sciences

College of Humanities

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## College of the Arts

Dean: Andrew J. Broekema

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Leslie Margaret Hauser, Upper Arlington  
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Harry Donald Hoffhines, Columbus  
Lloyd David Lemmermann, Lyndhurst

John Eugene Little, Jr., Ashville  
Kathryn S. MacGillivray, Bellefontaine  
Joseph Gilbert Manning, St. Charles  
Carolyn Denise May, Westlake  
Mary Elizabeth McGuire, Hazelt, N. J.  
Ida Margaret Membries, Columbus  
Therese Moore, Flemington, N. J.  
Deborah Marie Nemec, Maple Heights  
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Matthew Gregory Price, Newark  
Paul Raymond Puccetti, Columbus  
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Sue Rhodenbaugh, Akron  
Lori Lee Robishaw, Ashtabula  
Mark Alan Rush, Columbus  
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Jeffrey Alan Seidman, Cincinnati  
Linda Marie Shary, Columbus  
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Edward Adrian Breseman,  
Buffalo Grove, Ill.  
Tracy Denise Colerider, Columbus  
Catherine Ann Cryan, Granville  
Elizabeth Ann Esposito,  
Lake Hiawatha, N. J.  
Beth Fries, Columbus  
Rebecca Lynn Gordon, Centerburg  
Joel Leslie Hammer, Beachwood  
Bruce Jackson Hubbard, Columbus  
Roosevelt Calvin Jenkins, Jr., Columbus  
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Adele Elizabeth Johansson Klinger,  
Columbus  
David Bruce Knight, Cleveland  
Ellen Frances Macias, Berea  
Vincent Nicholas Maietta, Columbus  
Raymond William Maurer, Columbus  
Carol Lynn McDonough, Columbus  
Ida Margaret Membries, Columbus  
Norman John Nuber, II, Columbus  
Ngoc Bich Phan, Columbus  
Joel Adam Pressman, Euclid  
Suzanna Rabe, Columbus  
Susan Elizabeth Ramey, Akron  
Christine Ann Ruppensburg, Grove City  
Beverly Jill Simon, Gahanna  
David Lamar Straten, Jr., Lancaster  
Cynthia Miriam Weinstein,  
Prairie View, Ill.  
Karen Elizabeth Welch, Springfield

### Bachelor of Music

Robin Lee Bargar, Delaware  
Mark Paul Boorman, Columbus  
Rick Alan Boyer, Trotwood  
Mark Douglas Corporon, Columbus  
David Roger Crist, Columbus  
John Briggs Curtis, Columbus  
Tamara Lynn Hallas, Columbus  
Michael P. Hazlett, Parma

Charles W. Peckham, III, Norwalk  
 Peter M. Piotrowski, Columbus  
 Kathleen Martha Randles, Worthington  
 Lisa Elaine Sanders, Toronto  
 Nancy Kaye Server, Hamilton  
 Andrew Glen Sherwood, Wheaton, Ill.  
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 Rosemary Gerdon Booth, Marion  
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 Christy M. Carpenter, Columbus  
 Dawn Patricia Daugherty, Columbus  
 Marcie Kay Endress, Milford  
 Amy Jo Kessler, Mentor  
 Lori Jean Mudrock, Northfield  
 Teresa Johnson Orewiler, Columbus  
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 Pamela Sue Pope, Washington C. H.  
 Lisa Lynn Russell, Columbus  
 Susan Kay Sells, Dayton  
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### Bachelor of Music Education<sup>1</sup>

Kathy Diana Barrett, Columbus  
 Sue Ann Biss, Bedford  
 Thomas Lorin Bixler, Sandusky  
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 Scott William Chapman, Wooster  
 Yvonne Faithie Clauer, Worthington  
 Nancy Lee Clifford, Grove City  
 Nancy Lyn Coffey, Vandalia  
 Julia Ann Foley, Hilliard  
 Cynthia Louise Grover, Washington C. H.  
 Tamara Lynn Hallas, Pickerington  
 Mary Anne Kimmel, Lima  
 Michael G. Kingan, Cherry Hill, N. J.  
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 Tamara Milburn, Columbus  
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 Cynthia Ann Schrupf, Columbus  
 Cindy K. Schumacher, Pandora  
 Carol Anne Schwartz, Worthington  
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 Beverly Jean Stoltz, Worthington  
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### Bachelor of Science in Audio Recording

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 Douglas William Drenten, Columbus  
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 Mitchell Phillip Gruesen, Columbus  
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 Nancy Ellen Lermond, Columbus  
 Lisa Hendricks Macklin, Columbus  
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 Karen Jean Merryman, Columbus  
 John Jay Miller, Rochester  
 Michelle Lynn Miller, Bellville  
 Kristi Kay Ross, Wauseon  
 Marc Stephen Schie, Napoleon  
 Lynda Diane Schomer,  
 North Miami Beach, Fla.  
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 Harold John Silverman, Chicago, Ill.  
 Karl Michael Simon, Columbus  
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 Mindy Beth Waters, New Milford, N. J.  
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## College of Biological Sciences

Dean: Patrick R. Dugan

### Bachelor of Arts

Brinda Lea Bailey, Bentonville  
 Brian Patrick Brocker, Canfield  
 Seyedeh Fazel Fashandi, Tehran, Iran  
 William Ellsworth Gable, Parma  
 Terese Marie Hannigan, Columbus  
 Richard Howard Rinehart, McComb  
 Robert John Starkey, East Canton

### Bachelor of Science

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 Brenda Ann Arth, Bay Village  
 Robin Sue Askey, Cincinnati  
 Hobart Gregory Baker, Orient  
 Ali H. Basaran, Warren  
 Mojgan Behbakht, Columbus

John David Beisner II, Tiffin  
 Terry Neil Berman, South Euclid  
 Herbert Merrill Biel, University Heights  
 Marian Elaine Bischof, Wooster  
 Ray Howard Blair III, Lancaster  
 Michael Leonard Blumenfeld, Akron  
 Frederick Breidt, Jr., Yellow Springs  
 Paula Sue Brown, Sandusky  
 Chris Cartellone, Bedford Heights  
 Steven Max Carter, Ashtabula  
 Randall Scott Casey, Columbus  
 Tony D. Cho, Columbus  
 Deborah Jo Cline, Toledo  
 Paul Colon, Salinas, Puerto Rico  
 Jim Mark Cotichia, Worthington  
 Catherine Marie Curry, Columbus  
 Michael L. Dale, Harrod  
 Stanley D. Dannemiller, Cincinnati  
 Jeffrey Alan Dapoz, New Philadelphia  
 Michael Joseph DePaso, Worthington  
 Aracelis Diaz, Venezuela  
 Rosemary Carol Dietrich, Medina  
 Michelle Marie Dodd, Cincinnati  
 Joseph Wayne Dolan, Columbus  
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 Ronna E. Dornsife, Kettering  
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 Michael Emerman, Columbus  
 Richard Michael Emrich, Worthington  
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 David Lewis Ettinger, Columbus  
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 Charles Fredrick Flinchum, Hamilton  
 Peter Forrest Foss, Columbus  
 Kent Brian Fowler, Lima  
 Sara Gertrude Fox, Cleveland  
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 Michael Allen Galligan, Piqua  
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 Hanan Kerr, Cincinnati  
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Maurven Koegel, Silver Lake  
 Lori A. Koval, Wadsworth  
 Brian Ernest Kozar, Fairview Park  
 Mark Allen Krantz, Beachwood  
 Mary Christina Kyle, Portsmouth  
 Joseph Robert Lach, Avon  
 Edward Donald Lancy, Jr., Poland  
 Phyllis Jean Lang, Wilberforce  
 Robert Franklin Larrick, Dayton  
 Daniel Mark Lemieux, Mentor  
 Joseph W. Leone, Youngstown  
 Ronald Lee Lipp, East Palestine  
 Bradford Scott Loveless, Kettering  
 Janet C. Lucas, Eikins, W. Va.  
 Steven Richard Lunz, New Bremen  
 Amy Jo Lutz, Euclid  
 Margaret Ellen Lyon, Huntington, W. Va.  
 Charles John Manfresca, Steubenville  
 Nancy Therese Manocchio, Richfield  
 Timothy Owen March, Upper Arlington  
 Katherine Marie Mattern, Heath  
 Todd M. McFarland, Van Wert  
 Lawrence Michael Miller, Columbus  
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 James Kevin Mulderig, Poland  
 Edward C. Nieshoff, Toledo  
 Cynthia Ann Obrzut, Mentor  
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 Allan Matthew Pavalko, Canfield  
 Valerie Renee Pfister, Powell  
 David Glen Pelen, Spencerville  
 Arturo Portales, Hamilton  
 Robert Austin Powers, Lakewood  
 Tina Jo Quinn, Jewett  
 Anthony Jay Raimonde, Defiance  
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 Robert Max Smith, Antwerp  
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 Frances Jean Spray, Johnstown  
 Jeffrey Howard Stockfish, Beachwood  
 Robert E. Storm, Bellevue  
 Eileen Mara Sutker, Beachwood  
 Grace Anne Sutter, Burton  
 Cheryl Lynn Testaguzza, Weirton, W. Va.  
 David Paul Treece, Columbus  
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 Steven Thomas Vennard, Cincinnati  
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Wesley Paul Violet, Delphos  
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 Terry David White, Big Prairie  
 Susanna Spencer Wilkens, Toledo  
 Donna Elaine Williams, Columbus  
 James Michael Wilson, Urbana  
 Theodore Donald Winkle, Buffalo, N. Y.  
 Patricia Ann Woodie, Dayton  
 Michael Steven Wukelic, Columbus  
 John William Wulf, Alliance  
 Peter S. Yamaji, Melrose Park, Ill.  
 Debra A. Young, Columbus  
 Mark H. Zablotzky, Youngstown  
 Daniel Arnold Zeleski, Loup City, Neb.

## College of Humanities

Dean: Diether H. Haenicke

### Bachelor of Arts

Irene J. Abrahams, Fountain Valley, Calif.  
 Muhammad Said Abdul Hakim  
 Al-Khalidin, Columbus  
 Hal Dixon Amerine, Worthington  
 Norma Jo Andrist, Columbus  
 Roland Cameron Archer, Cambridge, Mass.  
 Nicholas Charles Auclair, Columbus  
 Sandra Lynn Austin, Columbus  
 Aline M. Baker, Austintown  
 Steven Randolph Bard, Bryan  
 Ann Bright Barlow, Columbus  
 Pamela Marie Bender, East Sparta  
 Josephine Billman Benson, Greenville  
 Josiah Hillerman Blackmore III,  
 Worthington  
 Richard J. Bleiler, Ridgewood, N. J.  
 Patrick J. Bonace, Mansfield  
 Philip Anthony Bowen, Tupper Plains  
 Melissa Mae Brintlinger, Columbus  
 Steven Martin Brown, Worthington  
 Renee Marie Eileen Bumb, Bismark  
 Mark W. Bury, Hudson  
 Martha Ann Cardina, Akron  
 Stanley Harrison Carr, Columbus  
 Marianne Conroy, Youngstown  
 George H. Cooper, Buffalo, N. Y.  
 George Ian Crawford, Canton  
 Jane Beth Davidson, Kettering  
 Michael Kevin Davis, Peachtree City, Ga.  
 Robert Bruce Davis, Columbus  
 Joy Elaine Dickerson, Trenton  
 Jeannette Djokovic, Cincinnati  
 Daniel Epstein, Columbus  
 Sarah Ferraro, Columbus  
 William J. Fleming, Delavan, Wis.  
 Thomas Paul Fox, Alliance  
 Mark Howard Gams, Dayton  
 Chana L. Gandal, Cleveland  
 Kristin Lee Gatherum, Dublin  
 Bethanne Gibboney, Grove City  
 John Charles Girvin, Centerville  
 James J. Gleason, Weymouth, Mass.  
 Malinda Kay Goodrich, Bexley  
 Paul Ron Greene, Xenia  
 Tamar Ellen Gressel, Columbus  
 Demetrius Gryskewich, Parma  
 Paul William Hamm, Lakewood  
 Gigi S. Hanna, Columbus  
 Michael Paul Hanson, Rocky River  
 Vicki Lynn Henke, Columbus  
 Martha Suzanne Hendricks, Madeira  
 Steven William Howard, Lima  
 Suzanne Smith Inglis, Columbus  
 Mary Frances Kaiser, Columbus  
 Nancy Louise Kell, Columbus  
 Brenda Marchington Keller, Delaware  
 Sharon Frances Kelly, Lindewold, N. J.  
 Christopher Joseph Kempf, Columbus  
 Jack Allen Kerstetter, West Salem  
 Jeanne LaVerne Kincer, Zanesville  
 Robin Denise Klawn, Painesville  
 Brian Keith Knedler, Marysville  
 Douglas P. Knox, Columbus  
 Allison Elaine Larson, Worthington  
 Carol Linda LeMasters, Marion  
 James Richard Lemon, Malinta  
 John Farrell Lykins, Dayton  
 Melissa Lee Mabon, Carter Lake, Ia.  
 Jane Marie Mackin, Columbus  
 Kathleen P. Mardis, Delaware  
 Gale L. Markus, Fort Thomas, Ky.  
 Daniel Lee Martin, Johnstown  
 Larry G. Mathews, Brookpark  
 Craig Thomas McClung, Middletown  
 Keith G. McCormish, Akron  
 Holly Anne Merker, Zanesville  
 Timothy L. Metz, Sidney  
 Leann Miljus, Dublin  
 Karen Adele Moland, Beechhurst, N. Y.  
 David Edward Morse, Columbus  
 Eileen Elizabeth Murray, Lorain  
 Susan Marie Noble, Stoutsville  
 Lynn Ann Ochsendorf, Columbus  
 Lavinia Aparicio Odwarka, Grove City  
 John Brett Offenberger, Cincinnati  
 Kelly Barton Olds, Worthington  
 Kathleen Ann Ormiston, Columbus  
 Carol Anne Ottolenghi, Worthington  
 John Michael Pettibone, Columbus  
 Mary Lee Raines, Canal Winchester  
 David M. Redding, Delaware  
 Rita Anne Rice, Piketon  
 Lynn Marie Rust, Pickerington  
 Amy Carleton Sanetta, Moreland Hills  
 Jeffrey Matthew Sand, Massillon  
 Robert Paul Scher, Jr., Columbus  
 Paul Francis Schlichting, Stow  
 Ian Biff Schlossman, Mansfield  
 Mary Lynn Schwager, Columbus  
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 Karen V. Shaudys,  
 Washington Crossing, Pa.  
 Christine Anne Shurilla, Louisville  
 Quintin Franc Smith, Kettering  
 Patricia Ann Sprouse, Columbus  
 Leslie Diane Steele, Columbus  
 Karen M. Szabo, Avon  
 Mitchell Matthew Tallan, Dayton  
 Barbara Eileen Thornton, Columbus  
 Douglas H. Tilson, Columbus  
 Robin Ann Vachon, Marion  
 Louise Ann Vesco, Columbus  
 Laurie Lynn Walker, Columbus  
 Lynn Eugene Wetzel, West Jefferson  
 Michael Andrew Wodarcyk, Grove City  
 Debra Katherine Woischke, Put-in-Bay  
 Alan Woll, Falls Church, Va.  
 Erol Aaron Woods, Chillicothe  
 Dawn Amelia Wray, Dayton  
 Julie Ann Wynd, Canal Winchester

## College of Mathematical and Physical Sciences

Dean: Colin B. B. Bull

### Bachelor of Arts

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Jeffrey Lynn Haist, Circleville  
Namah Lee, Columbus  
Ya-Syn Lee, Columbus  
Larry Lee Lodge, Jr., Lexington  
Robert Patrick Musto, Lima  
Jeffrey M. Sultz, Columbus

### Bachelor of Science

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Phillip Eugene Apfel, Trotwood  
Timothy Edwin Arnold, Proctorville  
Martha E. Ashman, Middletown  
Robin Masuko Baker, Mt. Healthy  
Anne Marie Beltz, Grafton  
Milena Mariela Bonezzi Garcia, Maracaibo, Venezuela  
Stephen Eugene Bookman, Cincinnati  
Jose Luis Borrego Moron, Venezuela  
Arthur Allen Bradley, Worthington  
Joseph John Bumbak, Columbus  
Amy Tai Chen, Taipei, Taiwan, Republic of China  
Perry Michael Conrardy, Hillsboro  
Susan A. Cook, North Canton  
Paul John Cory, Worthington  
Neyda Colina de Diaz, Maracaibo, Venezuela  
David Lee DePugh, Chillicothe  
Salem M. Elghaly, Tripoli, Libya  
Gregory Lawrence Eyink, Celina  
Dino Farinacci, Mayfield Heights  
Sandra Kay Fruth, Holgate  
Linda Charlene Gifford, Broadview Heights  
Michael Patrick Gilliland, Columbus  
Mary Melinda Gugelchuk, South Point  
Peter Michael Haas, Chardon  
Rhonda Lynn Hagey, Columbus  
Lawrence Michael Hanf, Columbus  
Steve Atley Hash, Columbus  
Jerry Lynn Hill, Columbus  
Gregg Joseph Hinterschied, Pickerington  
Ann Horowitz, Columbus  
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Patricia Lynn Johnson, Columbus  
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David Richard Kaelbling, Columbus  
Beth Ellen Kazee, Columbus  
Aaron Lewis Knoll, Dayton  
Charles Joseph Kramer, Columbus  
John Charles Lenke, Sandusky  
David Alan Manley, Warren, Mich.  
Jeffrey Alan Martin, Springfield  
Timothy Scot Meyer, Greenview, Pa.  
David James Miller, Grove City  
Frank Scott Miller, Cincinnati  
Rodney Floyd Null, Lima  
Michael Anthony O'Connell, Westerville  
David Mark Ogle, Westerville  
Ray Allen Paschal, North Royalton

Daniel Anthony Patrick, Cuyahoga Falls  
Sandy Joseph Piscitello, Brecksville  
William Edward Rasche, Jr., Columbus  
Anita R. B. Rauch, Columbus  
William Charles Rigano, Kettering  
Pamela Kay Rotilie, Akron  
Mary Jo Rovito, Mayfield Heights  
Robert Allan Rowe, Cleveland Heights  
Michael Ray Schafer, Kettering  
Terry L. Schaffer, Gahanna  
Dale Russell Schleich, Hilliard  
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Matthew Morrison Gregory Shafer, Columbus  
Vern Rader Staats, Newark  
Donald David Story, Amherst  
George Henry Stuckey, Wauseon  
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Ralph Milton White, Columbus  
Susan Jean Winger, Toledo  
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## College of Social and Behavioral Sciences

Dean: S. Earl Brown

### Bachelor of Arts

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Robert Eric Birne, Tenafly, N. J.  
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 Lisa Michelle Huwer, Kettering  
 Chikako Inoue, Osaka, Japan  
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 Linda Kay Knapp, Mansfield  
 Dane A. Knolls, Columbus  
 Nobuko Koike, Tokyo, Japan  
 Sheryl Robin Krieger, Cleveland Heights  
 Linda Catherine Kuhn, Rockbridge  
 Richard A. Kulich, Orient  
 Katherine Kurkov, Rocky River  
 Karen G. Kuzmishin, Akron  
 Robert Scott Lanum, Washington C. H.  
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 Mark Marion Lavrisha, Cleveland  
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 Bruce Charles Lazear, Columbus  
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 Lynne Marie Leister, Elyria  
 Margaret Gertrude Lewis, Garfield Heights  
 William Robert Lewis, Hudson  
 Lou Ann Licklider, Columbus  
 Joel Ross Linnabary, Columbus  
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 Kenneth John McLaughlin, Montgomery  
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 Jill Ann Mese, Houston, Tex.  
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 Elizabeth Ann Milano, Columbus  
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 Marquis D. Miller, Columbus  
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 Michael L. Paquet, Warren  
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 Cynthia A. Pietrusik, Lackawanna, N. Y.  
 Michael Anthony Pirik, Columbus  
 Stephen M. Poisson, Columbus  
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 Todd Matthew Powers, Cincinnati  
 Mark Charles Preul, Cincinnati  
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 Karen Lee Prochaska, Shaker Heights  
 Laura Rogers Propater, Columbus  
 Randy James Puraty, Canton  
 Becky Lynn Radovic, Akron  
 Kerry Lynn Randall, Toledo  
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 Jill Marie Rauch, Chardon  
 Beth Ann Ray, Alliance  
 David Michael Reckart, Brook Park  
 Mary Catherine Reddington, Dayton  
 Robyn D. Redfern, Clarksville  
 Donna Fay Reed, Dayton  
 Kristine Anne Rhodenbaugh, Cincinnati  
 Karla Ann Rinto, Crestline  
 Arthur Jay Robbins, Richmond, Va.  
 Jess A. Roberts, Ashland  
 Daniel Mark Rodgers, Washington C. H.  
 Teresa Ann Rohr, Columbus  
 Assunta Rossi, Canton  
 Sue Ann Roush, Lima  
 David Bruce Rowlinson, Yellow Springs  
 Diana Gaye Roy, Wapakoneta  
 Dennis H. Rufener, Newbury  
 Lori Jane Runzler, Williamsville, N. Y.  
 Jodel Newman Ryan, Columbus  
 Julie Ann Ryan, Worthington  
 Theodore Richard Saker VI, Columbus  
 Suzanne Ellen Schafer, Pittsburgh, Pa.  
 Eric H. Schmidt, Sidney  
 Michael James Scholl, Cincinnati  
 Wendy Joy Schuller, Orange Village  
 Maureen Manan Schum, Columbus  
 Brian James Schwartz, Simi Valley, Calif.  
 Joni Beth Schwartz, Columbus  
 Elaine Scurci, Mansfield  
 Sherry Lynn Serotek, Canton  
 Diana Lynn Severance, Columbus  
 Sharon Shavitt, Columbus  
 Phyllis Shwartz, Columbus  
 Lori Ann Sieckinen, Mt. Vernon  
 Adrien LaMonte Silas, Dayton  
 Kenneth Michael Simon, University Heights  
 Nancy Lynn Sisson, Darien, Conn.  
 Jennifer Lynne Sloan, Sharonville  
 Craig Alan Smith, Columbus  
 Julia Lynn Smith, Columbus  
 Linda K. Smith-Graff, Columbus  
 Kimberly Jane Snyder, Wapakoneta  
 Sharon Sarah Sokobin, Toledo  
 Lori Lynn Sowash, Mansfield  
 Terry Lee Spaide, Duckburg  
 Darrell Lee Spegal, Miamisburg  
 Steven Richard Spence, Cincinnati  
 Glenford Louis Spinks, Zanesville  
 Peter Olaf Stackelberg, Kent  
 Leslie Sue Sterman, Buffalo, N. Y.  
 Lon David Stolarsky, Pepper Pike  
 Parri L. Strickland, Springfield  
 Sharlene Ann Surowiec, Boardman  
 April Lynn Taylor, Columbus  
 Frankie Lynn Taylor, Dublin  
 Dale Alan Thomas, Hinckley  
 Robert Gregory Tom, Bowe, Md.  
 Rita Ellen Toth, Wadsworth  
 Aldo Anthony Tripodi, Columbus  
 Michelle D. Tufford, Columbus  
 Sherri Frances Ujcich, Minerva  
 Jeffrey William Ulrich, Huron  
 Brett Richard Van Bourgondien, Springfield  
 Hendrik Cornelius van Wieringen, Jr.,  
 Dayton  
 Donna Marie Velardi, Westport, Conn.  
 Bonnie Jeanne Weaver, Chillicothe  
 Lisa Jane Weber, Ironton  
 Sheryl Lynn Wein, Fairlawn  
 Arlene Sue Weiman, Dayton  
 Rebecca Sue Wendler, Fremont

Mary Ellen Whitlatch, Shadyside  
 Valerie Ann Williamson, Cleveland  
 Jeffrey Hugh Winick, Steubenville  
 Lorna M. Winterrowd, Rockford, Mich.  
 Joanne Marie Wolfe, Lorain  
 Carol Ann Wright, Mansfield  
 Freida Joy Yedid, Beachwood  
 Sung Sig Yoon, Korea  
 Susan Carol Yost, Newark  
 Jeffrey Stewart Zeigler, Van Wert  
 Shelley Joy Zimmerman, Beachwood  
 James Michael Zippay, Bedford

## Bachelor of Science

Christina Noelle Anagnost, Toledo  
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 Denise K. Backstrom, Orrville  
 Robert Mitchell Baker, Walla Walla, Wash.  
 Imogene Basinger, Mansfield  
 Alfred Harris Benjamin, Stamford, Conn.  
 Bambi Lexa Biggs, New Albany  
 Kathryn A. Boll, Alliance  
 Michael Patrick Brennen, Columbus  
 Drew Robert Brown, Beaver Creek  
 Mark Steven Bueker, Barberton  
 Leonard Charles Capogreco, Girard  
 Kimberly A. Caris, Galion  
 Greg Casey, Cleveland Heights  
 Deidre Elizabeth Clark, Coshocton  
 Steven Lee Cochran, Newark  
 Dale R. Davis, Parkman  
 Sigrid Ehrenberg, Columbus  
 Bradley Gail Erbeck, Mason  
 Christine Holton Farrell, Westerville  
 Mary Bess Felmet, Roseville, Mich.  
 Michael Timothy Fishback, Columbus  
 Timothy Craig Flash, Dayton  
 Michael William Ford, Newark  
 Gregory Scott Gantner, Dayton  
 Lewie Alan Gillian, Parma  
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 Richard Joel Gross, Cleveland  
 Sherri Renee Heyman, Beachwood  
 Bret Alan Jacobson, New Brighton, Minn.  
 Sharon Yvonne Johnson, Columbus  
 David P. Katko, Elyria  
 Libbey A. Keidel, Richmond Heights  
 Elizabeth Marie Kerns, Medina  
 Anne Bridges King, Columbus  
 David James Kwiatkowski,  
 West Springfield, Mass.  
 Richard R. Lotshaw, Parkersburg, W. Va.  
 Celeste E. Marshall, Cincinnati  
 Diane Louise Maute, Columbus  
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 Adrienne Jean McNicholas, Bellefontaine  
 Jania Mkunga, Shabani  
 Elizabeth A. Morgan, Galloway  
 Kelly Patricia Nelson, Bealsville  
 Annabelle Gozun Nierres, Mansfield  
 April Lynn Ours, New Philadelphia  
 Richard G. Packo, Toledo  
 Pamela Sue Parsons, Bloomingdale  
 William Frederick Pyle, Fairfax, Va.  
 Jeri Sue Reed, Malvern  
 Jennifer Daniel Ritchey, Bexley  
 Diane Joan Rush, Westerville  
 Charles Edwin Sallee, Chicago, Ill.  
 Cynthia Ann Skapura, Lore City  
 Bradley Brink Smith, Gahanna  
 Susan Walker Smith, Oxford, Conn.  
 Marjorie Armstrong Stassen, Newark  
 Kyle Stinson, Clarksburg  
 Daniel Francis Von Hoene, Cincinnati  
 Eric Alan Willford, Findlay  
 David Alan Williams, Columbus  
 Mark Alan Wood, Dresden  
 Michael Patrick Yonkers, Parma

## School of Journalism

### Bachelor of Arts in Journalism

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 Naomi Teresa Baka, Mansfield  
 Nancy Jane Baldner, Columbus  
 Paul Countryman Barnhill, Ashland  
 Dale Anthony Bernard, Parma  
 Stanley Thomas Bialczak, Columbus  
 Robert Earl Borer II, Tiffin  
 Margaret Elizabeth Brinkman, Grove City  
 Lesley Anne Constable, Mansfield  
 Deborah Lee Countiss, Columbus  
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 Cynthia L. Dallinga, Akron  
 James Robert Davis, New Garden  
 Brian Richard DePasquale, Canton  
 Steven Howard Dobbs, Springfield  
 Jean Marie Dowling, Columbus  
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 Janet L. Fersky, South Euclid  
 Janice Kathleen Fiori, Yorkville  
 Susan Kay Frisbee, Coshocton  
 James Frederick Garee, Poughkeepsie, N. Y.  
 John Leslie Gibeau, Upper Arlington  
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 Anne L. Graham, Dublin  
 Patti Lynn Grapes, Elyria  
 Debra Jeanne Grivois, Gahanna  
 Gail Pauline Harrison, Worthington  
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 Mike Kersmarki, Alliance  
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 David R. Leigh, Dover, Dela.  
 Joshua A. Loory, Columbus  
 Kenneth William MacLeod, Columbus  
 Carolyn Malec, Garfield Heights  
 Patrick Gerard Manning, Cleveland  
 Victoria Lynn Martin, Columbus  
 Mark John Massaro, Warsaw  
 Mark Francis Mercurio, Columbus  
 Regina Faye Moran, Akron  
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 Cindy Darlene Nelson, Columbus  
 Cynthia D. Neuman, Columbus  
 Lori Jean Nims, Troy  
 Mary Lee O'Neil, Lyons  
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 Kimberly Jo Riley, Grove City  
 James Mark Scott, Canton  
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 Catherine E. Watson, Trenton, Mich.  
 Monica Louise Weir, Chesterland  
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## College of Administrative Science

Dean: H. Justin Davidson

### Bachelor of Science in Business Administration

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 David William Acuto, Horseheads, N. Y.  
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 Heidi Lynn Alexander, Bexley  
 Roxane Stoik Al-Fayez, Rice Lake, Wis.  
 Mary Ann Allen, Mount Vernon  
 Regina Marie Allen, Toledo  
 Tarek A. Al-Shubaily, Columbus  
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 Middleburg Heights  
 Steven Scott Anderson, Columbus  
 Bernice Shaw Andrews, Sandusky  
 Robert Andrews, Massillon  
 James Joseph Andrioff, Columbus  
 Janice Elizabeth Apel, Columbus  
 Domingo Jose Apolonio, Brecksville  
 Joyce Ellen Ark, Enon  
 Joseph Robert Armeni, Poland  
 Laura Faith Armitage, Bay Village  
 Leann Arnold, Frazeeburg  
 Lori Sue Arnold, Lyndhurst  
 Robert J. S. Arruda, Newark  
 Douglas Lee Aschenbach, Sidney  
 Barbara Ann Ascherat, Granville  
 Michelle Revou Avritt, Worthington  
 Barry C. Axelrod, Lyndhurst  
 Michael McQuiston Bachert, Coshocton  
 Joseph Edward Baginski, Parma Heights  
 Assunta Bagnoli, Hartsville  
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 Robert Dean Baker, Columbus  
 Paul Alan Baldauf, Delphos  
 Duane Clark Baldwin, Waverly  
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 Palm Beach Gardens, Fla.  
 Geoffrey Douglas Banwart, Worthington  
 Christopher James Barber, Geneva, Ill.  
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 Ronald Richard Bassak, Seven Hills  
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 Carol Lee Beardsley, Warren  
 Larry Frank Bechtel, Tiffin  
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 Cynthia Sue Benis, Girard  
 Edward Berger, Hawthorne, N. J.  
 Melissa Mary Bernard, Columbus  
 Trudie Kristine Berry, Fallsburg  
 James Michael Bevacqua, Toledo  
 David Mark Bidding, Kenton  
 Rex Alan Biederman, Ashland  
 Jeffrey Shannon Bierbower, Belpre  
 John Alan Biltz, Avon  
 David Joseph Bizzarro, Dayton  
 Jackson Ralph Blue, Danville  
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 Scott Henry Bonhard, Mt. Cory  
 Ronald Gene Booker, Medina  
 J. Paul Boyer, Columbus  
 John Auman Bradford, Saint Mary's  
 Peter Douglas Braun, Snyder, N. Y.

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 Steven Richard Brickley, Phoenix, Ariz.  
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 John Brearton Brookbank, Cincinnati  
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 Deborah Lynn Brown, Elyria  
 Zane Eric Brown, Lancaster  
 Jay Douglas Buchs, Amherst  
 Dixon Allan Buehler, Columbus  
 Gary Robert Buehler, Columbus  
 Scott Charles Buehler, Wooster  
 John Henry Bugaj, Garfield Heights  
 Joseph Orwin Bull, Marion  
 Eric Michael Buller, University Heights  
 Michael Christopher Burdorf, Port Clinton  
 John Kenneth Burge, Springboro  
 Joan Elizabeth Burk, Springfield  
 Karen Louise Burks, Cleveland  
 Pamela Ann Burkley, Cuyahoga Falls  
 Kimberly Ann Bushman, Gahanna  
 Michael Clark Butler, Columbus  
 Richard Charles Call, Columbus  
 Kevin David Calland, Columbus  
 Maureen Elizabeth Campbell,  
   Parma Heights  
 Joseph Edward Caplin, II, Marion  
 Rita Judith Capuano, Columbus  
 Kenneth Edward Carey, Worthington  
 Beth Ann Carlson, Cincinnati  
 Ginger Lanae Carmean, Chillicothe  
 Marianna Margaret Carnes, Westerville  
 Betsy Nannette Carpenter, Columbus  
 Robert John Carr, Cincinnati  
 James Charles Carter, Columbus  
 Richard Carvalho, Vandalia  
 Peter Eriks Circenis, Indianapolis, Ind.  
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 Anne Howell Clark, Columbus  
 Donald M. Clark, Columbus  
 Julie Lynn Cline, Newark  
 Alan J. Cloern, Columbus  
 Randy M. Clough, Columbus  
 H. Dennis Cohen, Canton  
 Keith Bradley Cohen, London  
 La Dessa Amour Coleman,  
   Washington, D. C.  
 Paul Raymond Colfesh, Columbus  
 Diane Marie Compton, Worthington  
 Pamela Sue Comstock, Ashland  
 James Brian Condon, Versailles  
 Joseph Patrick Connare, Rocky River  
 Nancy Jean Cook, Lexington  
 Daniel David Cooper, Shelby  
 Ralph Dominic Cordetti, Columbus  
 John Henry Coridan, Columbus  
 Douglas Edward Couch, Cincinnati  
 Joan Michel Covington, Columbus  
 Diane Louise Cratty, Cleveland  
 Kim Ann Crepps, Cincinnati  
 Linda Jane Crepps, Bay Village  
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 Steven Howard Vaughan, Hartsville  
 Drew Alan Vermeire, Sharpsville, Pa.  
 Jeffrey David Voss, Circleville  
 Karl James Vranek, Mayfield Heights  
 Douglas Taylor Wagner, Orrville  
 Theodore Lynn Waldock, Attica  
 Sarah Elizabeth Walker, Bangkok, Thailand  
 Richard Lawrence Wallace, Worthington

Irene Louise Wallbaum, Dayton  
 Alice Madeline Walters, Newark  
 Karen Lee Walther, Mahopac, N. Y.  
 Larae Anne Watkins, Columbus  
 David Michael Welsh, Cadiz  
 Cheryl Ann Wenner, Powell  
 Carol Ann Weyrich, Hillsboro  
 Chris Alan Wherry, Vandalia  
 Mark Leland Wilson, Oak Harbor  
 Roseanne Windsor, Cleveland  
 Judy Carol Wolford, New Holland  
 Julie Patterson Woods, Fullerton, Calif.  
 Timothy Duane Woodward, Fletcher  
 Sandra Lee Woolard, Newark  
 John Joseph Yasosky, Akron  
 William Leo Yost, Columbus  
 Neal Ray Young, Warsaw

## Bachelor of Science in Food Science

Michael James Benhase, Westchester  
 Daina Lynn Clark, Delphos  
 Marianne Frances Smisko, Wadsworth

## Bachelor of Science in Food Technology

Shang Hwei Chang, Taiwan  
 Laury John DiMichaelangelo, Youngstown  
 Elizabeth Alaire Entwistle, North Canton  
 Nancy Marie Flowers, Newark  
 Bruce Robert Golovan, Pepper Pike  
 John Henry Hauser, Port Clinton  
 David Hinsdale Hawk, Columbus  
 Bradford Lee Kess, Beachwood  
 Sandra Kay Leaman, Payne  
 Michael Charles Madgar, Warren  
 Larry David Skaggs, Xenia  
 Deborah Ann Skurkay, Moersess, Pa.  
 Ted Eugene Stambaugh, Lima  
 Howard Edward Wright, Jr., Cincinnati

## Bachelor of Science in Nutrition

Dale Allen Fritsch, Cincinnati  
 Elaine Ann Malley, Youngstown  
 Scott L. Rose, Chagrin Falls  
 Bruce David Uhal, Painesville

## School of Home Economics

### Bachelor of Science in Home Economics

Jody Rene Adams, Columbus  
 Kathryn Diane Barry, Inverness, Ill.  
 Kathy Ann Bone, Columbus  
 Laurie Sue Bowers, Plain City  
 Cheryl Lynn Brantner, Huron  
 Constance Marie Brembeck, Columbus  
 Donna Estelle Broadnax, Columbus  
 Elizabeth Ann Broderick, Coshocton  
 Debra Ann Bronstein, Beachwood  
 Sheila Margaret Broscoe, Lisbon  
 Barbara Jo Brown, Bokins  
 Cathleen Burgan, Snow  
 Jan Arlene Cady, Newark  
 Jerri Lynn Carper, Fremont  
 Kelly Joanne Connors, Delaware

Candace Diane Crenshaw, Toledo  
 Amy L. Crone, Bowling Green  
 Rosemarie D'Aries, West Orange, N. J.  
 Mary Jo Daup, Shelby  
 Jill Lynn Day, Columbus  
 Betty L. Denman, Westerville  
 Anne Marie Devine, Marysville  
 Janet Lucille Dildine, Columbus  
 Penny Jean Donaldson, Zanesville  
 Darlene Debbie Douglas, Warrensville Heights  
 Maureen Elizabeth Dowds, Columbus  
 Patricia Downing, Reynoldsburg  
 Miriam Sue Droll, Fostoria  
 Carol Kay Eichhold, Hamilton  
 Dori Lynn Ernst, Cincinnati  
 Jan Bernice Evans, Worthington  
 Patricia Kay Farrell, Stow  
 Karen Rose Figgins, Dayton  
 Mary Elizabeth Foltz, Worthington  
 Joni K. Foster, Circleville  
 Amy Sue Givens, Cincinnati  
 Sandra Karen Graham, Columbus  
 Lyndie Lee Green, Columbus  
 Patti Arlene Grove, Shelby  
 Mary Anne Gruber, Cincinnati  
 Jill Mary Gusweiler, Cincinnati  
 Cheryl Lee Guy, Tipp City  
 Christine A. Haefeli, Columbus  
 Beth Katherine Hammerstein, Columbus  
 Sue Ann Hannan, Columbus  
 Mary Kathleen Hargreaves, Alexandria, Va.  
 Heather Long Harley, Pittsburgh, Pa.  
 Christina Lee Harrington, South Vienna  
 Nanette Paula Haupt, Worthington  
 Kathleen Ann Haycock, Columbus  
 Debra Ann Henke, Cincinnati  
 Beverly Elaine Henry, Apple Creek  
 Dana Marie Hoffmaster, Akron  
 Regina Susan Holmes, Columbus  
 Cynthia Rae Hoover, Thornville  
 Pamela Jean Howell, Warren  
 Bonnie Jeanne Hubbard, Cincinnati  
 Sherry Renee Humphrey, Cahokia, Ill.  
 Debra Ann Johnson, Gallipolis  
 Cheryl Ann Jones, Kenton  
 Sheryl Ann Kalish, Mansfield  
 Wanda Kay Kamlar, Florissant, Mo.  
 Cynthia L. Kandel, Gahanna  
 Barbara Louise Kleahn, Strongsville  
 Lisa Rose Lamancusa, Beloit  
 Jill L. Lewis, Toronto  
 Barbara June Lipp, East Palestine  
 Jane Ann Lonsinger, Newark, N. J.  
 Elizabeth Sue Lucas, Cincinnati  
 Mary Susan Madlener, Cincinnati  
 Linda Elizabeth Mahoney, Columbus  
 Tara Deneen Maragas, North Canton  
 Annie S. Mason, Columbus  
 Karen Jeannine Mast, Defiance  
 Diane Gay McEnerney, Worthington  
 Mary Teresa McKinley, Columbus  
 Ann Elizabeth McMillen, Columbus  
 Debra Lynn Miller, Louisville  
 Linda Sue Miller, Warren  
 Deborah Lynn Nay, Columbus  
 Susan Marie Oreyro, Dayton  
 Elizabeth Ann Parks, Englewood  
 Ann Catherine Poggiali, Sandusky  
 Patricia Rose Prendergast, Worthington  
 Linda Jeanne Prunier, Lancaster  
 Rebecca Barbara Rable, Toledo  
 Carolee Rafn, Chippewa Lake  
 Paula Ann Reeves, Columbus  
 Susan Ann Reiss, Columbus  
 Cynthia Jane Riddle, Fairfield  
 Cheryl Denise Roach, Grove City, Pa.

Janet Heck Roads, Westerville  
 Cynthia Hazzard Rothe, Columbus  
 William Jay Satterfield, Newark  
 Doris Pauline Schneider, Mayfield Heights  
 Melinda Ann Schrote, Marion  
 Cheryl Lynne Sharpe, Columbus  
 Jacqueline Marie Sheets, Sherwood  
 Jean Davis Sheets, Columbus  
 Deborah Ann Silleck, Boardman  
 Cynthia Lynn Singer, Oak Harbor  
 Lynette Kathryn Smith, North Ridgeville  
 Pamela Jayne Spalding, Canton  
 Joyce Ann Stemen, Bremen  
 Cathy Jo Stocksdales, Columbus  
 Victoria Ann Summers, North Ridgeville  
 Lorrie Ann Swegman, New Palestine, Ind.  
 Anne Elizabeth Thatcher, Columbus  
 Beverly Ann Thompson, Dayton  
 Elizabeth Ann Thompson, Media, Pa.  
 Karen Leigh Tomb, Forest Park  
 Karol Lynn Tomb, Forest Park  
 Catherine Rita Trojan, Columbus  
 Patricia Ann Turgeon, Fairview Park  
 Tamar Ann Turritin, Worthington  
 Julie Ann Underhill, Reynoldsburg  
 Mary Christine Warner, Rocky River  
 Jane Susan Weckesser, Wooster  
 Roberta A. Welch, Nevada  
 Joyce Ann West, New Philadelphia  
 Janine Carol Westercamp, Monroe  
 Valerie L. Whitton, Eastlake  
 Tara Lea Widener, Carroll  
 Mary Grace Wiehn, Shaker Heights  
 Toykane Yee, Youngstown  
 Linda Sue Zehentbauer, Hanoverton  
 Carol Denise Adamcik Zerucha, Columbus  
 Karen Sue Zuchetto, Kenton

## Bachelor of Science in Food Technology

Susan E. Dunn, Mansfield  
 Doris Bezilla Ticknor, Kirtland

## Bachelor of Science in Nutrition

Myfanwy Jori Borel, Columbus  
 Kathleen Marie Conroy, Cleveland  
 Joseph P. Fusco, Freeport, N. Y.  
 Suellen McBurney, Ashland

## Bachelor of Science in Restaurant Management

Scott Steven Bergman, New Rochelle, N. Y.  
 Mark Maier Fruehan, Columbus  
 Priscilla Elizabeth Hall, Mentor  
 Charles L. Morar, Warren

## School of Natural Resources

### Bachelor of Science in Natural Resources

Lawrence Francis Albanese, Groveport  
 Steven Parks Baker, Chagrin Falls  
 Scot Alan Bauer, Circleville  
 Daniel Robert Bindofer, Parma  
 Julie Maria Braun, Castalia  
 Blaine Paul Brockman, Columbus  
 Edward Michael Bruno, Mingo Junction

Scott Matthew Compton, Gahanna  
 Robert Alan Darkow, Akron  
 Donald William Dorr, Cincinnati  
 Michael John Dowd, Worthington  
 Patricia Joyce Fagan, Columbus  
 Jeffrey J. Farwick, Cincinnati  
 Robert J. Feidner, Upper Arlington  
 Walter Peter Getzinger, Stow  
 Steven Andrew Graber, Toledo  
 Jane Grazak, Brecksville  
 Daniel Thomas Haley, Columbus  
 Brent F. Hall, Fredericktown  
 Marian Eyer Harmount, Troy, Mich.  
 Cynthia Sue Henn, Dayton  
 Daniel Thomas Hines, Marysville  
 Charles Graham Ikins, Clinton  
 David Clayton Jenkins, Troy  
 Marcia Elizabeth Johnson, New Washington  
 Joseph Alan Kanopsis, Columbus  
 Mary Louise Keating, Lakewood  
 Larry Mark Kibler, Columbus  
 Brad Carlton Kieffer, McClure  
 Andrew Scott Kimmel, Avon Lake  
 Heidi Carolyn King, Middletown  
 Dianne Marie Konehan, Euclid  
 Lawrence Joseph Krall, Willoughby Hills  
 Edward Joseph Kuilder, Garfield Heights  
 Lisa Ann Kutschbach, Chillicothe  
 Thomas Earl LaVergne, Sidney  
 Scott Allen Lenthe, Malta  
 Frederick William Lindquist, Fairlawn  
 Mark Harry McNabb, Marysville  
 Stephen James Mazer, Maple Heights  
 James Dodson Maloney, Chillicothe  
 Stephen Henry May, Lindenhurst, N. Y.  
 Thomas Martin Morgan, Columbus  
 Jay Kurt Niederhelman, Cincinnati  
 Cindy Dolores Oplinger, Akron  
 Richard L. Parrott, Mt. Gilead  
 William David Phillips, Columbus  
 Donald Scott Powell, Clyde  
 Jeffrey George Powers, Columbus  
 Steven Theodore Race, Columbus  
 James Andrew Ramey, Yellow Springs  
 Thomas G. Ranney, Mentor  
 Patricia Ann Richmond, Malta  
 Alfred Lee Rizzo, Millville, N. J.  
 Benjamin Wayne Ross, Hudson  
 David Vincent Ross, Hudson  
 Timothy James Saskowsky, Dayton  
 Walter Bruce Schlabaugh, Carrollton  
 Mark Alan Shields, Curtice  
 James William Shiner, Jr., Slippery Rock, Pa.  
 Judith Lynn Stafford, Portsmouth  
 William Joseph Steinbach, Cedaredge, Colo.  
 James Robert Steinman, Findlay  
 Phillip Allan Stewart, Middletown  
 Robert Jennings Stiles, Hamilton  
 Mark Gerard Taylor, Columbus  
 William John Taylor, Marietta  
 David Alan Them, Mansfield  
 Eric Jay Thompson, Kettering  
 Matthew William Timbrook, Oregon  
 Ronald T. Trivisono, Highland Heights  
 Susan Jean Tucker, Springboro  
 Michael Lynn Turner, Tiffin  
 Steven Mark Walent, Akron  
 Andrew Joseph Wells, Columbus  
 Donald Robert Zak, Independence

## Agricultural Technical Institute-Wooster

### Associate in Applied Science

Hans Edward Albright, Wooster  
Anita Marie Arendt, Parma  
Gordon Neal Arney, Fresno  
Garry Eugene Barres, Hiram  
Mark Alan Beck, Bradford  
Scott Edward Beetz, Cincinnati  
Mark Lynn Bell, Newton Falls  
Americo Philip Bisirri, Jr., Ravenna  
Robert Thomas Black, Wooster  
James Michael Bolen, Fremont  
Michael David Boos, Grove City  
Jonathan Palmer Bowlus, Perrysburg  
Timothy Jay Briggs, Canton  
Charles James Britt, Columbus  
Rhonda Sue Burtcher, New Philadelphia  
John Richard Call, Park Forest South, Ill.  
Raymond Pietro Caranci, Painesville  
Charles Lindsey Carney, Goshen  
Melodie Nannette Carter, Oberlin  
Philip Stephen Carter, Gahanna  
Nancy Jean Castanien, Pittsburgh, Pa.  
James Lee Casto, Stow  
Bruce Arden Clinger, Upper Sandusky  
Bruce Ronald Cochran, Troy  
Gregory Alan Collins, Fredericktown  
Charles Brian Cook, Chillicothe  
Steven Allen Coolman, Ney  
Deborah Lynn Coultas, New Philadelphia  
Marcella Diane DeCeuster, Navarre  
Bruce Walter Dodenhoff, Holden, Mass.  
David Alan Donahue, Thornville  
Kurt Edward Dunn, Bloomville  
Steven Joseph Eaber, Westlake  
Rochelle Ann Felski, Burbank  
Jeffrey Edward Fowle, Xenia  
Neil Thomas Fritz, Massillon  
William Michael Geib, Lakewood  
Donald Michael Gilbert, Blanchester  
Joseph Anthony Gnizak, Smithville  
Paul Edward Cornelia Haanschoten, Roswell, Ga.  
Chester Leroy Hamrick, Coolville  
James Kenneth Harger, Lowellville  
Alan Eugene Harris, Cardington  
Richard Alan Hauger, Howard  
Lynn Ellsworth Hawley, III, Vienna  
William Roger Hedges, Ashland  
David Robert Hershey, Columbia Station  
Thomas Lee Hillier, Mt. Vernon  
Kevin M. Hollern, Columbus  
John Lee Hornor, Columbus  
Jacinta Marie Hosfeld, Wooster  
Fred Laurence Hughes, Akron  
Vincent Francis Hunt, Cleveland Heights  
Gary Lee Hutzelman, Hamilton  
Kevin Thomas Jenne, Iberia  
Donna Jessberger, Bexley  
Bradley Scott Johnson, Columbiana  
Donald Earl Johnston, Jr., Columbus Grove  
Darrrel Dean Junkins, Rossford  
Mara Lynne Kandel, Salem  
Ronald William Keller, Crestline  
Phoebe Marie Kerby, Hamilton  
Jeff Allen Klontz, Mogadore  
Jeffrey Alan Knoop, Fletcher  
Thomas Martin Koch, Homerville  
Loretta Marie Kramer, Navarre  
Virginia Ann Kristof, Bay Village  
Gail Ruth Kulmal, Lodi  
Marcus Lewis Lacinak, Milford

Darrell Edwin Leis, Greenville  
Gary John Lengerich, Wapakoneta  
James David Lifer, Butler  
Martha Ellen Lipscomb, Marietta  
Teresa Jean Lukacz, Olmsted Falls  
Jennifer Jane McDaniel, Woodstock  
Mary Elizabeth Mahne, Painesville  
Patricia Ann Martin, Monroeville  
Joseph Raymond Masek, Solon  
Patricia Jean Masek, Solon  
David Michael Mast, Pleasantville  
Anthony John Masterson, North Royalton  
Kenneth Allen Mays, Bellevue  
Amy Suzanne Minosky, Broadview Heights  
William Howard Moore, Strongsville  
Julie Anne Neal, Trenton  
Laura Ellen Nesbitt, Mt. Gilead  
Jane Ann Nordhaus, Massillon  
Clement Nutter, Newark  
Margaret Ann Obringer, Piqua  
Christopher Jay Oswalt, Mansfield  
Virginia Mary Owens, Mantua  
Victor J. Pacura, New Middletown  
Linda Eileen Pastor, Gahanna  
John Francis Pecquet, Cincinnati  
Dennis Warren Pemberton, Columbus  
Martin Joseph Pero, Hartsville  
Joseph Michael Phillips, Macedonia  
Kenda Marie Poland, Milford Center  
Thomas Jay Pontius, Ashville  
Mary Ann Poulson, Wooster  
Sally Ann Poyer, Wakeman  
Paul Albert Raimonde, Westerville  
Philip Edward Rauch, Newark  
Mark Edmund Regula, West Lafayette  
Herbert Winston Rippley, New Philadelphia  
Jerry Wayne Robinson, Nova  
Daniel Ray Rodenbacher, Atwater  
Kenneth Richard Bohal, Berea  
Paul Joseph Rostak, Parma  
Carl Christopher Sass, Bellevue  
Douglas Alan Scheidt, Cincinnati  
Thomas Edward Schlaegel, Worthington  
Walter Christian Schulisch, Jr., Toledo  
Lynne Marie Schumm, Fremont  
James William Schwartz, Lakewood  
John Henry Smith, North Ridgeville  
Candis Saint Smithson, Galena  
Kevin William Snyder, Walbridge  
David William Sproull, Crestline  
Amy Elizabeth Sprunger, Seville  
Brian James Steinhilber, Bucyrus  
Gregory Lee Stover, Xenia  
Debbie Louise Swineford, Ashland  
Craig Keith Switzer, Ashland  
Scott Christopher Taylor, Lorain  
Arden J. Thomann, Cincinnati  
Julie Lynn Thompson, New Carlisle  
Lisa Marchelle Thompson, Burbank  
Thomas Anthony Toledo, Cleveland  
Steve Joseph Torma, Richfield  
Glenn Alan Turner, Wooster  
Mark Andrew Venis, Pemberville  
Douglas Dean Ventling, Warren  
Marvin Edward Vinok, Wakeman  
Susan Waldner, Wellington  
Gregory Alan Walter, Columbia City, Ind.  
Mark Allan Webber, Findlay  
Richard Gerard Wetting, Columbus  
Alva DeWayne Whitt, Gahanna  
Donna Renee Willig, Harrison  
Glenn Roy Yaple, Circleville  
David John Young, Wadsworth  
Janet Lee Young, Euclid  
Elmer Delbert Zimmerman, Lowellville  
Sharon Marie Zucal, Canton  
Thomas William Zitzman, Parma  
Kenneth Edward Zwayner, Groveport

## College of Dentistry

Acting Dean: William R. Wallace

### Doctor of Dental Surgery

John J. Amorati, Parma  
B.S. (Cleveland State University)  
Edward S. Amos, Columbus  
Kimberly Marie Anderson, Tecumseh, Mich.  
B.S.  
Russell Harold Arendt, Cleveland  
B.A. (Case Western Reserve University)  
Edward George Babits, Columbus  
R.D.H., B.S.  
Robert Wesley Barnett, Jr., Portsmouth  
B.S.  
M. Frank Beck, Jr., Youngstown  
B.S. (John Carroll University)  
Stephen Michael Begeza, Youngstown  
B.S.  
Mark Steven Bello, Columbus  
B.S.  
James Leo Berning, Minster  
B.A. (University of Toledo)  
Raymond Edward Bernotas, Gates Mills  
B.A. (Case Western Reserve University)  
Mark Steven Bernsdorf, Columbus  
B.S.  
John Robert Bettineschi, Jr., Dillonvale  
B.S.  
Pamela Jean Bowman, Chicago, Ill.  
B.S. (Bradley University)  
Timothy Bergin Bringardner, Painesville  
B.S. (University of Miami)  
Michael R. Brooks, Youngstown  
B.S. (Youngstown State University)  
Karl Burgess, Southport, England  
B.S. (Oglethorpe University)  
John Alan Burns, Barborton  
B.A. (University of Toledo)  
Allen Dean Carnes, Columbus  
B.S.  
Jack Daniel Castilla, Warren  
E.S.  
Michael Alfred Chaney, Newton Falls  
B.A. (Thiel College)  
Michael Patrick Cloran, East Liverpool  
B.S.  
Timothy Brian Coffelt, Springfield  
B.S.  
Steven Scott Cole, Shaker Heights  
B.S., M.A. (Kent State University)  
Andrew Miller Connor, Columbus  
B.A. (Miami University)

David Harry Conrad, Akron  
B.A. (University of Akron)

James Harry Cottle, Worthington  
B.S. (Ohio University)

Mary Cecilia Crosby, New York City, N. Y.  
B.S. (Hunter-Bellevue College)  
M.P.S. (C. W. Post College)

Stephen William Curran, Cincinnati  
B.S. (University of Cincinnati)

Charles William D'Aiuto, Columbus  
B.S.

Michael Wayne Davis, Boston, Mass.  
B.A. (Boston State College)

Gina Denise Dean-Mills III,  
Warrensville Heights  
B.A. (Ohio Wesleyan University)

Donald Anthony DeChellis, Youngstown  
B.S. (University of Cincinnati)

John Fredric Denison, Jr., Cuyahoga Falls  
B.G.S. (University of Kentucky)

David Eric Dennis, Delaware  
B.S.

Joseph Anthony DeNunzio, Conneaut  
B.S. (Ohio University)

Penelope Lynne Dietz, Grove City  
B.S. (Ohio University)

David Gary Dixon, Highland Heights  
B.A. (University of Toledo)

Nancy L. Drescher, Toledo  
B.A. (University of Toledo)  
B.Educ. (University of Toledo)

Gary Robert Duff, Cambridge  
B.A. (Wittenberg University)

Raymond Leroy Eggert III,  
Chatham Township, N. J.  
B.A. (Ohio Wesleyan University)

Kenneth Gray Eifert, Delaware  
B.A. (Miami University)

Danny Ray Eller, Sophia, W. Va.  
B.S. (Concord College)

Renee Rowley Emerich, Swanton  
B.A. (Miami University)

Abraham Esses, Cincinnati  
B.S. (University of Cincinnati)

Norman Ernest Facter, Cleveland  
B.A.

John Milton Feiock, Euclid  
B.S. (Bowling Green State University)

Raymond Robert Fenner, Brunswick  
B.A. (Case Western Reserve University)  
M.Ed. (Cleveland State University)

Husine Fick, Oregon  
B.A. (University of Toledo)

Nancy Walmen Garlisi, Columbus  
B.A. (Ohio Dominican College)

Jay Robert Gaunt, Mansfield  
B.S.

Roger D. Glenn, Dayton  
B.S. (Ball State University)

George Jeffrey Glikes, Steubenville  
B.S.

Nancy Ellen Godwin, Lima

Roy M. Gottlieb  
B.S. (University of Michigan)

Scott Earl Gray, Circleville  
B.A. (Mount Vernon Nazarene College)

James Stephen Gurley, Fairport Harbor  
E.S.

Richard John Gustafiero, Ashtabula  
B.S. (Garfield Senior College)

William Joseph Hagerty, Dayton  
B.S. (University of Notre Dame)

Michael Henry Hards, Findlay  
B.S.

Matthew John Harrington, Lorain  
B.A.

Joseph Michael Heider,  
Fort Lauderdale, Fla.  
R.D.H., B.S.

Eric Dean Henize, Cincinnati  
B.S. (Centre College of Kentucky)

Michael Arnold Herbert, Williamson, N. Y.  
B.A. (Columbia University)

Michael Andrew Herman, Dayton  
B.S. (Wright State University)

S. Craig Herman, Bryan

Gary Roger Hermann, Lakewood  
B.S. (Bowling Green State University)

Thomas A. Heydinger, Jr., Bellefontaine  
B.A. (Miami University)

Jack Brian Hilty, Fremont

David Eugene Hypes, Marion  
B.S.

Thomas Ionna, Cincinnati  
B.S. (Xavier University)

Harold Cortez Johnson, Camden, N. J.  
B.S. (Boston College)

Michael E. Judy, Barberton  
B.S. (John Carroll University)

James Richard Karpac, North Royalton  
E.A.

William Robert Kolodzik Kaye,  
Worthington  
B.S.

Steven Michael Kazley, Erie, Pa.  
B.S. (Allegheny College)

Terence Patrick Kelly, Wickliffe  
B.S. (John Carroll University)

David Charles Kerschner, Wadsworth  
B.S. (Mount Union College)

Neil Eric Kesselman, Brooklyn, N. Y.  
B.A. (State University of New York at  
Binghamton)

Robert Marvin Kikel, Bedford  
B.A. (Miami University)

Theodore William Klein, Edina, Minn.  
B.A., M.S. (Miami University)

Stephen Gregory Komara, Poland  
B.S. (Ashland College)

James G. Kotapish, Jr., Cleveland Heights  
B.S. (Florida Southern College)

Douglas Edward Kowalczyk, Bedford  
B.S.

Steven Alan Kueck, Cincinnati  
B.S. (University of Iowa)

Stephen Paul Kuennemeier, Cincinnati  
B.A. (Capital University)

David Scott Kuhre, Chagrin Falls  
B.A. (Miami University)

Daniel Joseph Kunkel, McDonald  
B.A. (Oberlin College)

Wendy Jean LaBarr, Kettering  
B.A. (Vanderbilt University)

Thomas James Lambert, Cincinnati  
B.S.

Alexander Christie Lambrinides, Cincinnati  
B.S.

Kenneth Lee Lawrence, Orwell

David Alan Leach, Warren  
B.A. (Miami University)

Paul S. Leher, Columbus  
B.A., M.S. (University of Illinois)

James Eugene Lessick, Girard  
B.S. (Youngstown State University)

Raymond Lev, Youngstown  
B.S.

Theodore Librizzi, Ridgefield, Conn.  
B.S. (Ohio University)

Nina Christine Lichvarik, Fairview Park  
B.A. (Baldwin-Wallace College)

Ronald Lee Lipp, East Palestine  
B.S.

Scott Quinn Little, Johnstown, Pa.  
B.S. (University of Pittsburgh)

Vincent J. Lombardo, Columbus  
B.S.

Richard David Macejko, Struthers  
B.S. (Youngstown State University)

George Eric Magyar, Shadyside  
B.S. (Bethany College)

Susan Regina Mallery, Arlington, Va.  
B.S., M.S.

Anthony Joseph Marino, Mayfield Heights  
B.S. (John Carroll University)

Terry Lee Marquard, Parma Heights  
B.S. (Cleveland State University)

Jean Elizabeth Marshall, Dayton  
B.A.

Daniel George Marulli, Paramus, N. J.  
B.S. (Montclair State College)

Leslie Ann McDougall, Mt. Vernon  
B.S. (University of North Carolina)

Mark William McHugh, St. Clairsville  
B.S. (Mount Union College)

Glen Arthur McMurray, Parkman  
B.S. (Grove City College)

James Edwin Mercer, Akron  
B.A. (Vanderbilt University)

David Bruce Merker, Zanesville  
B.A. (Miami University)

Don Carl Metnes, Cleveland  
B.S.

Charles Michalak, Toledo  
B.A., M.S. (University of Toledo)

David Anthony Migliore, Dover  
B.S. (University of Pittsburgh)

Dennis Alan Monroe, Fairview Park  
B.S. (Kent State University)

Alan Evan Moore, Niles  
B.A. (Case Western Reserve University)

Steven Ralph Moore, Hamilton  
B.S. (Marietta College)

Cheryl Atkinson Nystrom, Avon, Conn.  
B.S. (Russel Sage College)  
M.S. (Rutgers University)

John Michael Olis, Wadsworth  
B.S.

Stephen Ira Oppenheimer, Columbus  
A.B. (Indiana University)

Sharon Kay Parsons, Newark  
B.S.

Joseph R. Pawlik, Garfield Heights  
B.S. (Cleveland State University)

Douglas Richard Phillips, Shelby  
B.S.

Ronald Michael Principi, Warren  
B.A. (Ohio Northern University)

James Michael Radecki, Toledo  
B.A.

Richard R. Ragozine, Girard  
B.S. (Youngstown State University)

Nicholas Paul Raptou, Youngstown  
B.S.

Gary Warren Raymond, Kent  
B.S. (Kent State University)

Linda Ellis Records, Worthington  
R.D.H., B.S., M.A.

Jan Michael Rizzo, Toledo  
B.A. (University of Toledo)

William C. Rogers, Hamilton  
A.B. (Indiana University)

David Matthew Rolsten, Lima  
B.S.

Robert Allen Ronevich, Dillonvale  
B.S.

Lawrence Phillip Ross, Toledo  
B.A. (University of Toledo)

James Timothy Russin, Steubenville  
B.S.

Patricia Ann Ryan, Mansfield  
B.S. (Northeastern University)

Marlin Scott Salmon, Tonawanda, N. Y.  
B.A. (S.U.N.Y. at Buffalo)

John Clarke Sanders, Jr., Shaker Heights  
B.A. (University of Virginia)

John Norge Santin, Akron  
B.S. (University of Akron)

Eugene Anthony Schlank, Cincinnati  
B.S. (Xavier University)

Lee Allyn Schmitt, Amherst  
B.S. (University of Akron)

Peggy Crema Schomaker, Cincinnati  
B.S. (Xavier University)

Kathleen Lee Schroeder, Toledo  
B.A. (Wellesley College)  
M.S. (Case Western Reserve University)

Michael Robert Schumacher, Cincinnati  
B.S.

Alice Amy Sclafani, New York City, N. Y.  
B.A. (Marymount College)

Gregory Carl Seymour, Ashtabula  
B.S.

Lee Michael Shapiro, Lyndhurst  
B.S. (University of Cincinnati)

Andrew Shemella, Garden City, N. Y.  
B.S. (State University of New York)

Raymond Alan Sheridan, Grove City  
B.S.

Gary Dennis Shue, Akron  
B.S.

David Kirkwood Sickinger, Tuscarawas  
B.S. (Muskingum College)

Dennis Wayne Sindel, Columbus  
B.S.

Rick Michael Singel, Columbus  
B.A. (Marquette University)

J. Sheldon Smith, Cridersville  
B.S.

James Leon Soltys, Alliance  
B.S.

Robert E. Storm, Bellevue  
B.S.

Mark Nolen Stuckey, Kettering  
B.S. (Miami University)

Richard David Sweaney, North Canton  
B.S.

Laura Diane Swerdlin, West Islip, N. Y.  
B.S. (State University of New York at  
Stony Brook)

Scott Lee Thatcher, Wren  
B.S. (Miami University)

Christopher Thielen, Cincinnati  
B.A. (Miami University)

Gary Allen Thomas, Springfield  
B.A.

Timothy C. Tilton, Caldwell  
B.S. (Ohio University)

Barth Matt Toothman, Columbus  
B.S. (Louisiana State University)

Franklin E. Tuttle, Georgetown  
B.S. (University of Cincinnati)

David Wayne Urban, Kent  
B.S. (The College of William and Mary)

Daniel James Vannelle, Shadyside  
B.S.

David Franklin Veit, Wapakoneta  
B.S. (Bowling Green State University)

Roger Alan Vitter, Martins Ferry  
B.S.

William John Waddell, Ironton  
B.S.

Douglas William Wallace, Worthington  
B.A.

Peter Albert Welnak, Columbus  
B.A. (Indiana University)

Eugene Paul Wenzke, Dayton  
B.S.

Roger William Weyand, Faulkton, S. D.  
B.A. (Yankton College)

Donald Robert Whitley, Hays, N. C.  
B.S. (North Carolina State University)  
M.A. (Appalachian State University)

George Thomas Williams, Canton  
B.S.

Charles Lawrence Wilson, Huron  
B.A. (Ohio Wesleyan University)

Reynaldo Bennett Wilson,  
Los Angeles, Calif.  
B.S. (University of San Francisco)

Gary Witkosky, Woodland Hills, Calif.  
B.A. (California State University)

Gregory A. Wnek, Tiltonsville  
B.S. (Ohio University)

Suna Elizabeth Woods, Chillicothe  
B.S.

## Certificate of Graduate Dental Hygienist

Julie Ann Ackerman, Marion  
Mollie Marie Ahern, Akron  
Christine Annette Allen, Canton  
Eileen Landwei Andow, Mentor  
Brenda Ann Arth, Bay Village  
Robin Sue Askey, Cincinnati  
Kathryne Musseau Beasley, Uniontown  
Gay Lee Benander, Steubenville  
Cheryl Ann Burnett, Springboro  
Denise Elizabeth Butz, Kettering  
Cindy Murrell Channell, Mechanicsburg  
Carol Ann Cheney, Columbus  
Kimberly Ann Christensen, Columbus  
Carla Joanne Coberly, Akron  
Mary Ann Coen, Massillon  
Rita Marie Craycroft, Ravenna  
Cathy Ann Curtis, Fairfield  
Beverly Alice Dean, Grafton  
Loren Kay DeMoss, St. Louis, Mo.  
Maureen Annette De Ran, Tiffin  
Jennifer Mara DiSabato, Columbus  
Anne Nell Donoho, Wooster  
Janice Duncan Bourke, Columbus  
Jamie Ann Elson, Cincinnati  
Connie Jean Emrock, Lorain  
Christine Holton Farrell, Westerville  
LuAnne Marie Finneran, Sandusky  
Tamara Kaye Freisner, Springfield, Pa.  
Karen Ann Fugazzi, Columbus  
Cindy Lee Galada, Brecksville  
Chana Leah Gandal, Cleveland  
Lynn Diane Graham, Bellbrook  
Deborah Lynn Graves, Columbus  
Jeannette Marvinne Hancock, Worthington  
Cynthia Lea Hauenstein, Galion  
Jayne Frances Johnson, Columbus  
Jean Susan Kaplan, Akron

Libbey Ann Keidel, Richmond Heights  
 Brenda Marchington Keller, Delaware  
 Gale Ann Kelley, Parma Heights  
 Rebecca Corrin Kish, Marion  
 Linda Kay Knapp, Mansfield  
 Karen Gable Kuzmishin, Akron  
 Linda Kay Lammers, Leipsic  
 Tamera Rae Linke, Warren  
 Mary Patricia McCartney, Maumee  
 Nancy Lynn McCrackin, Marietta  
 Holly Anne Merker, Zanesville  
 Susan Jean Mestrovic, Tallmadge  
 Peggy Lynn Miller, Worthington  
 Tina Marie Mollica, Niles  
 Simone Moss, Cleveland  
 Eileen Elizabeth Murray, Lorain  
 Susan Eileen Pfirman, Hamilton  
 Susan Hope Pommert, Washington C. H.  
 Donna Lee Potokar, Richmond Heights  
 Joy Ann Purkiser, West Chester  
 Kimberly Dee Reber, Medina  
 Nancy Lee Robinson, West Lafayette  
 Diana Gaye Roy, Wakoneta  
 Susan Marie Rysevy, Columbus  
 Betsy Ann Schnell, Gahanna  
 MaryBeth Schutte, Cincinnati  
 Connie Sue Shocksneider, North Canton  
 Lori Lynn Sowash, Mansfield  
 Pauline Stein Flesher, Youngstown  
 Nancy Jo Stewart, Worthington  
 Sheila Jo Szabo, Canton  
 Mary Ellen Thompson, Canton  
 Mary Frances Tornes, Columbus  
 Donna Marie Velardi, Westport, Conn.  
 Gayle Ann Volz, Mansfield  
 Victoria Hildegard vonPabst, Lebanon  
 Kimberly Enola Ware, Columbus  
 Wendy Jane Wickliff, Columbus  
 Freida Joy Yedid, Beachwood

Karen Marie Beining, Delphos  
 Sidonia Breen Bernard, Columbus  
 Lee Anne Bertsch, Worthington  
 Elizabeth Ann Blackburn, Milan  
 Rowena K. Blevins, Columbus  
 Karen Lynn Blozis, Columbus  
 Arthur Alfred Bocher, Columbiana  
 Tanja Kaye Boytar, Chardon  
 Michael Herbert Bradley, Cleveland  
 Patricia Ann Brand, Heath  
 Leigh Emerson Briggs, Powell  
 Susan Rouse Briscoe, Columbus  
 Margaret Teresa Brosnan, Columbus  
 Ronda Jean Brown, Delaware  
 Jon Matthew Browning, Columbus  
 Debra Kay Bruner, Mt. Gilead  
 Laurie Jean Brunton, South Euclid  
 Richard Vincent Burke, Bridgeport  
 Judith Dickson Burt, Marion  
 Donald Eugene Bush, Zanesville  
 Lori Jean Butch, Warren  
 James Truby Callahan, Solon  
 Douglas Charles Calland, Columbus  
 Barbara Krouse Camboni, Columbus  
 Virginia Jane Cardwell, Columbus  
 Robert Scott Carter, Gahanna  
 Ann Eileen Casper, Harrod  
 Karen Denise Chalmers,  
 Huntington, W. Va.  
 Vicki Kay Chambers, Belpre  
 Cathryn Carla Champa, Worthington  
 Megan Ruth Chapman, Galion  
 Joanne M. Charnigo, Parma Heights  
 Laura Lorraine Chrisman, Maumee  
 Sue Ellen Christian, Granville  
 Elizabeth Wyn Clark, Worthington  
 Carolyn N. Cole, Ada  
 Janet Ruth Coleman, Columbus  
 Janice Lynn Coleman, Columbus  
 Daniel Barry Collins, Bellevue  
 Joyce Marie Connors, Brooklyn  
 Stephen Taylor Correia, Columbus  
 Karen Washington Covington, Columbus  
 Kimberly V. Cox, Laurelville  
 Stacy Lou Poole Cox, Reynoldsburg  
 Sandra Frakes Crome, Dublin  
 Timothy Jay Crouse, Salem  
 Michael Roy Crowe, Dublin  
 Theresa Marie Cummings, Columbus  
 Amy Louise Cunningham, Cuyahoga Falls  
 Linda Elaine Cunningham,  
 Canal Winchester  
 Sharon Linda Curtis, Beachwood  
 Kathryn Frances Darling, Columbus  
 Gary Lee Davis, Columbus  
 Michael Kevin Davis, Peachtree City, Ga.  
 Peggy Eileen Dean, Columbus  
 Scott Edwin Decatur, Columbus  
 Judith DelFrate, Worthington  
 Wendy Sue DeInostro, Columbus  
 Donald Robert DeMarco II, Conneaut  
 Cheryl Lynn Dent, Columbus  
 Dwight Dennis Dewese, Kenton  
 Carolyn Marie Dorian, Hilliard  
 Carol Sue Draper, Delphi, Ind.  
 Lynette Marie Drumm, Westerville  
 Brenda Ellen Duff, Newark  
 Emily Dunipace, Bowling Green  
 Maria Beth Eberhardt, Shiloh  
 Marilyn Sifferlin Eberhart, West Jefferson  
 Reginald Echols, Chardon  
 James Ellinghausen, Plymouth, Mich.  
 Barbara J. Davis Elliott, Dayton  
 Brenda Kay Elliott, Columbus  
 Chantal Fagerberg, Columbus  
 Beverly Michele Fatig, Galena  
 Carol Saltmarsh Feole, Columbus  
 Debra Ann Feverston, Centerville

Terri Lynn Firestone, Lyndhurst  
 Lai Ning Foo, Kuala, Lumpur, Malaysia  
 Tina Marie Forsythe, Westerville  
 Melanie Lynn Fowler, Columbus  
 Tamara Lynn Francis, Gahanna  
 Charles L. Freeman, Kettering  
 Marcia Kay Fritts, Springfield  
 Jane Kelly Fruth, Attica  
 Catherine Joanne Gaborecik, Delaware  
 Linda Sue Gaietto, Tiffin  
 Kim G. Gaiton, Columbus  
 Gregory Lee Gallagher, Columbus  
 Patricia Ann Gallousis, Cortland  
 Belinda Jo Gann, Ironton  
 Patricia Ann Gardner, Uhrichsville  
 Janet Lynne Gearty, Brentwood, N. Y.  
 Janice Kay Geho, Worthington  
 William Monroe Gent, Green Springs  
 Jane Leslie Gentil, Jackson  
 Claudia Marie Giamati, Rocky River  
 Josephine Ann Giuliani, Columbus  
 Betty Sue Goldon, Bexley  
 Matthew Alan Goodall, Dayton  
 Laura Jane Whittaker Gordon, Worthington  
 Judy Grant Gragg, Grove City  
 Laurie Beth Green, Columbus  
 Bart H. Greene, Nashua, N. H.  
 Cathy Jean Grimes, Coldwater, Mich.  
 Susan J. Grindstaff, Mt. Vernon  
 Diane LeClare Grotjohn, Indianapolis, Ind.  
 Rebecca Lea Guiher, Cincinnati  
 Tina Marie Guilfoyle, Cincinnati  
 Timothy John Hager, Dayton  
 Barbara Jo Hales, Salem  
 Barbara Louise Hallgren, Mount Joy, Pa.  
 Jane Ella Harkness, Columbus  
 Heidi Sue Harmon, Columbus  
 Marion Eyer Harmount, Akron  
 Diane Sue Hartsook, Columbus  
 Jo Carol Hawkes, Williamsport  
 Stephen James Hawkins, Wooster  
 Dale Ann Hedrick, Columbus  
 Ralph Edward Hedrick, Amanda  
 Pamela Beth Heidorf, Rocky River  
 Kathryn Hack Hein, Columbus  
 Kathleen Held, Columbus  
 Tamara Janel Hemsworth, Gallipolis  
 Roxanna Faith Hendricks, Newark  
 Susan Elizabeth Herrmann, North Olmsted  
 Barbara Jeanne Hess, Oberlin  
 Raegene Elizabeth Hiebel, Pickerington  
 Mary Ellen Hilgert, Lima  
 Beth Anne Hobensack, Cuyahoga Falls  
 Elizabeth Morralee Holzapfel, Logan  
 Robert Michael Huber, Cincinnati  
 Terri Lynn Hughes, Ironton  
 Karen Mary Humphreys, Athens, Ga.  
 Wendy Ellen Hunt, North Royalton  
 Jeffrey Clark Idleman, Hartwell, Ga.  
 Joan Louise Irwin, Columbus  
 Grace Isakovic, University Heights  
 Debra Leedy James, Gallipolis  
 Maria Joanne Jelett, Columbus  
 Gina Lee Johnson, Springfield  
 Kathryn Helen Johnson, Prospect  
 Orie Richard Johnson, Santa Maria, Calif.  
 Kelleigh Melissa Jones, Akron  
 Rose Edna Jones, Cincinnati  
 LaVerne Maria Joshua, Columbus  
 Julie Michelle Jundt, St. Louis, Mo.  
 Katherine Mary Kaczmarek, Fairview Park  
 Sharon Elaine Kah, Wakoneta  
 David Phillip Stern Kaplan, Steubenville  
 Donna Jean Karl, Tiro  
 Melinda Joy Katz, Akron  
 Michael William Keener, Columbus  
 John E. Kemper, Columbus  
 Theresa Anne Kempher, Minster  
 Nancy Ann Kerber, Columbus

## College of Education

Dean: Robert A. Burnham

### Bachelor of Science in Education

Suzanne Adams, Newark  
 Arumugam Agathiappan,  
 Kuala Lumpur, Malaysia  
 William Hunter Ague, Girard  
 Donna Marie Albanese, Groveport  
 Jacqueline Diane Alder, London  
 Linda Jividen Allberry, Prospect  
 Cheryl Ann Aman, North Canton  
 Alanna Lee Ames, Louisville  
 Susan Kay Andaloro, North Canton  
 Katherine L. Anderson, Delaware  
 Betsy Ann Ankrom, Circleville  
 Letitia Marie Armbruster, Waverly  
 Paul F. Aubin, West Babylon, N. Y.  
 Bonnie L. Auletta, Cleveland  
 Melanie Ruth Austin, Milan  
 Sherri Lynne Bair, Belle Center  
 Barbara Baldwin, Galena  
 Constance Frye Ball, Plain City  
 Patrick Joseph Balster, Kettering  
 Helen M. Barkhurst, Columbus  
 Timothy Francis Barton, Columbus  
 Karen Sue Basinger, Columbus Grove  
 Nancy C. Beattie, Powell  
 Donald Beaty, Hamilton  
 Paula Kay Beaty, Kettering  
 Vicki Ann Beeson, New Washington



Laurie Ellen Kerr, Bloomington  
 Kim Marie Kiely, Ransomville, N. Y.  
 Sharon Kay Kincade, Edison  
 Carolyn Jean Kirby, Westerville  
 Dennis Dean Klingler, Pandora  
 Michael Charles Klock, Wapakoneta  
 Anne Marie Knobbe, Amherst  
 Sarah Jean Knott, Columbus Grove  
 Julie Antoinette Knox, Columbus  
 Michele Smolewski Kose, Pickerington  
 Michael Frederick Koval, Cortland, N. Y.  
 Judith Anne Krohn, Zanesville  
 Linda Catherine Kuhn, Rockbridge  
 Cathy Jo Kuzma, Toledo  
 Ruth Ann Lane, Columbus  
 Nancy Ann Leach, Granville  
 Mary Jane Leo, Shaker Heights  
 Celeste Lynn Lindamood, New Lexington  
 Elizabeth Susan Lindsley, Rocky River  
 Robert D. Littrell, Columbus  
 Nancy Jean Long, Chillicothe  
 Rhoda Gail Long, Columbus  
 Kevin John Loy, Bucyrus  
 Teresa Young Lozano, Marion  
 Ingrid Lieselotte Lukas, Columbus  
 Mitchell Dean Luman, Fremont  
 Donna Maria Lynds, Mt. Vernon  
 Cindy Lou Magee, Columbus  
 Linda Sue Lechner Mahan, Columbus  
 Robert Wayne Manchester, Newark  
 Dianne Marlene Martin, Genoa  
 Shannon Jaye Martin, Waverly  
 Teresa Joy Mason, Marengo  
 Mary Jill Massarelli, Poland  
 Jodene Rae Maxwell, Fredericktown  
 Tracy Lynn McCallister, Toledo  
 Joan Elizabeth McConnell, Coshocton  
 Dara Lynn McCualsky, Columbus  
 Sharon Ann McDermott, Breesville  
 Marc Alan McGee, Reynoldsburg  
 Patricia Jean McGee, Lancaster  
 Carolyn Martin McPherson,  
 Upper Sandusky  
 Natalie Jane Michael, Delphos  
 John Wayne Michel, Columbus  
 Rocky Lynn Miller, Mt. Vernon  
 Sallie Jane Mills, Columbus  
 Karen Jo Mitchell, Rushsylvania  
 Beverly J. Montrella, Upper Arlington  
 Richlynn Ann Moore, Sidney  
 Roseann Moore, Columbus  
 Lynn Ann Morgan, Lorain  
 Shannon Douglas Morris, Marion  
 Kelly Lee Motes, Chillicothe  
 Cynthia Ann Mumma, Ashtabula  
 Karin E. Mundinger, Toronto, Canada  
 Dianne Jean Muntzinger, Convoys  
 Susan Bischoff Murphy, Columbus  
 Joseph Edwin Nelson, Columbus  
 Sandra Jean Noll, Zanesville  
 Eric Gerald Oldenburg, Mentor  
 Jane Olaszek, Hartsville  
 Michael Edgar O'Neill, Lima  
 David Owen Palmer, Columbus  
 Carol Ann Patzwahl, North Olmsted  
 James Tracy Peterfish, Columbus  
 Kathy Lynne Peters, Bath  
 Jon David Phillips, Sidney  
 Monica Ann Plunkett, Youngstown  
 Cathy Anne Poindexter, St. Clairsville  
 Barbara Ann Pontius, North Canton  
 Deborah L. Poole, Waverly  
 Tamara Kay Pope, Washington C. H.  
 Joellen Popma, Toledo  
 Barry Allan Pratt, Columbus  
 Molly Jo Preston, Newark  
 Sharon Ann Price, Oregon  
 Susan Janne Radcliff, Columbus

Carl Alan Reed, Cleveland Heights  
 J. Stephen Reese, Columbus  
 Barbara Leigh Rhoads, Columbus  
 Robin Gale Richardson, Spencerville  
 Joan Leslie Rigali-Rankin, Lima  
 Kimberly Jo Riley, Chillicothe  
 Robin L. Ring, Lima  
 Donna Jean Rizzo, Garfield Heights  
 Ann Elizabeth Roberts, Heath  
 Mark David Robinson, Tipp City  
 Thomas Gerald Rounds, Brunswick  
 Cheryl Debra Rubin, Lyndhurst  
 Kimberly Anne Rudisill, Columbus  
 Tim Sabransky, Chardon  
 Patricia Ann Scardina, Lancaster  
 W. William Schmidt, Mansfield  
 Janis Burriss Schreiber, Marysville  
 Deborah Sue Schulman, Beachwood  
 Nancy Lee Secillot, Columbus  
 Deborah Bate Segall, Columbus  
 Sheryl Ann Serviss, Delaware  
 Janien Naomi Severance, Columbus  
 Charles Alan Shearrow, Worthington  
 Deborah A. Brown Sheridan, Grove City  
 Douglas Lyn Shoemaker, Columbus  
 Vickie Renner Shoemaker, Pandora  
 Debra Ann Shreffler, Gibsonburg  
 Ka Ngan Sia, Kuala, Lumpur, Malaysia  
 Donna L. Silber, Mt. Prospect, Ill.  
 Pamela Drone Simms, Columbus  
 Joseph Paul Sindelar, Horseheads, N. Y.  
 Kim J. Sinkhorn, Kettering  
 Janet Sue Skinner, Logan  
 Jennifer Lynn Slater, Jeromesville  
 Connie Sue Slob, Marion  
 Deanne Lynn Smalley, Leesburg  
 Fred Daniel Smith, Springfield  
 Tamar Naomi Sorin, University Heights  
 Ronda Rae Spencer, Roswell, Ga.  
 Nola Lisa Sperry, Bowling Green  
 Deborah Beard Stehle, Dublin  
 Robert Joseph Stephens, Georgetown  
 Christine Marie Stephens, Columbus  
 Deborah Esther Stern, Beachwood  
 Susan Marie Stockdale, Lakewood  
 Jill Anne Stonecipher, Bridgeville, Pa.  
 Douglas William Strain, New Carlisle  
 Donna Marie Striley, Centerville  
 Carrie Lynn Stroschin, Gahanna  
 Stephan Carl Sturgeon, Harpster  
 Kimberly Kay Stygler, Columbus  
 Ruth Ann Coffman Sullivan, Newark  
 Brian Gerald Supplee, Columbus  
 Gloria Belinda Sutton, St. Mary's  
 Lana Jean Swartz, Columbus  
 Randal Lee Swisher, Beaverdam  
 LuAnn Swoyer, Pickerington  
 Laurie Ellen Tanner, Valley Stream, N. Y.  
 Lisa Marie Taylor, Columbus  
 Diane Sue Terveer, Alliance  
 Lee Lynn Thomas, Marion  
 Melinda Hurst Thomas, Ashland  
 Michael James Thomas, Worthington  
 Carmen Melita Thompson, Columbiana  
 Timothy Michael Tulley, Kirtland  
 Don William Turner, Kettering  
 Helen Katherine Turner, Hubbard  
 Linda Marie Uhle, University Heights  
 Jan Louise Ulrey, Dublin  
 Linda Ann Umstatt, Columbus  
 JoanMarie Barris K. Vanaski, Columbus  
 Karol Ann Vander Horst, Celina  
 Roxanne Marie Vaughn, Pekin, Ill.  
 Roger Joseph vonder Embse, Kalida  
 Rinda Jo Wagner, Wapakoneta  
 Kathleen M. Wald, Euclid  
 Lisa Marie Wallace, Toledo  
 Lisa Yellen Watson, Mansfield

Deborah L. Weber, Grove City  
 Barbara Ann Weese, Upper Arlington  
 Ellen Debra Weiss, Elyria  
 Robbin Rashell Wellman, Urbana  
 Leslie Renee Wemyss, Mansfield  
 Diane Theresa Wenning, Coldwater  
 Connie J. Wesie, Massillon  
 Cheryl Anne White, Lima  
 Michele Ann White, Lima  
 Andrew Joseph Whitman, Worthington  
 B.A. (Ohio University)  
 Katherine Anne Wiegand, Euclid  
 John Oliver Wiemero, Fairport Harbor  
 Christopher Paul Williams, Waterville  
 Rhonda Conroy Williams, Marion  
 Wendy Jean Willis, Tipp City  
 Cynthia Ann Wilson, Grove City  
 Janet Kay Wilson, Columbus  
 Scott A. Wilson, Monroe, Mich.  
 B.A. (Park College)  
 Robert Dwain Winland, Pleasant City  
 Cynthia Kay Woods, Brewster  
 Carol Lynn Workman, Canton  
 Dawn Amelia Wray, Columbus  
 Donald Thomas Wurth, Columbus Grove  
 Elizabeth Louise Young, Worthington  
 Judith Lynn Youngblood, Lyndhurst  
 Martin Andrew Zender, New Riegel

**Bachelor of Art Education and  
 Bachelor of Music Education  
 degrees are offered jointly by the  
 College of the Arts and the  
 College of Education.  
 Candidates are listed under  
 College of the Arts.**

## College of Engineering

Dean: Donald D. Glower

### Bachelor of Science in Aeronautical and Astronautical Engineering

Donald Thompson Baggs, Jr., Worthington  
 Donald Joseph Butz, Caledonia  
 Richard Fabian Catalano, Lorain  
 Dean LeRoy Davis, Columbus  
 Thomas Dwight Fox, Dayton  
 John Phillip Good, Claymont, Del.  
 Mark Franklin Gyure, Marion  
 William Michael Halsey, Oakbrook, Ill.  
 Michael Scott Hincley, Cleveland  
 Mohammad-Ali Jamnia, Tehran, Iran  
 Terry Brad Johnson, Warren  
 Jonathan Kern, Kutztown, Pa.  
 Richard Michael Kotarba, Columbus  
 David Robert Kuechenmeister, Columbus  
 Michael Steven Lavelle, Roslyn, Pa.  
 Abraham Jay Levatier, Columbus  
 Malcolm Kenneth MacLean, Columbus  
 William John Moorefield, Columbus  
 Alan Jerome Mortensen, West Chester  
 Mark Alan Rodu, Columbus  
 Gary Allen Ruff, Oak Harbor  
 Thomas Wayne Rullman, Shelby  
 Henricus Engenio Selder, Pickerington  
 Timothy Lee Sheaf, Columbus  
 James Brian Shilling, Columbus  
 Michael Martin Swick, Cleveland  
 Raymond Joseph Troube, Jr., Marie, Mich.

## Bachelor of Science in Agricultural Engineering

Philip Scott Beathard, London  
Ernest Patrick Caputo, Euclid  
James Alan Ehret, Richwood  
Mark David Evans, Hicksville  
Douglas Alan Foulkes, Columbus Grove  
David Charles Hesseling, Delphos  
Thomas William Hopper, Delaware  
Kenneth Eric Kolb, Wellington  
Jonathan Burton Lee, St. Louis, Mo.  
Janet Elaine Reilly, Norwalk  
Jerome John Roell, Harrison  
Scott Allan Shearer, Tipp City  
Christopher Duane Stemm, Zanesville  
Douglas Alan Vandervoort, Richfield  
Steven Michael Wilson, Lancaster

## Bachelor of Science in Ceramic Engineering

John Francis Bonistall, Zanesville  
Cynthia Lynn Conner, Woodsfield  
Thomas McFarland Findlan, Northfield  
James Charles Fox II, Dover  
Robert Steve Frank, Columbus  
Curtis Gale Frost, Wooster  
Carla Ann Hamernik, Perrysburg  
Mark David Hargis, Columbus  
Bradley Wendt Kibbel, Youngstown  
James Douglas Kiser, Columbus  
Marc Brian Kuttler, Zanesville  
Andy Ivan McLaughlin, Blue Rock  
Jeffrey Lyn Miller, Westerville  
William John Moore, Chagrin Falls  
Melinda Jane Roach, Sidney  
Michael Harold Roach, Sidney  
Jeffrey Wayne Smith, Logan  
Gary Curtis Troyer, Shreve  
Randall Douglas Watkins,  
Lake Dallas, Tex.

## Bachelor of Science in Chemical Engineering

Kimberly Ann Arnold, Marietta  
Jerri Lynn Banker, Cincinnati  
Mark Robert Beny, Parma  
Carl Adrian Bixel, Worthington  
James Christopher Blubaugh, Kingston  
Donald Allan Chudanan, Mogadore  
Edward Wilson Claugus, Barnesville  
Roy Lee Comer, Jr., Columbus  
Nancy Carolyn Coultrick, Rocky River  
John Rutherford Cromb III, North Canton  
George Carl Dagnall, Westerville  
William John Dawson, Columbus  
Noreen Gail Detwiler, Mansfield  
Louise A. Eisen, Toledo  
Charles Eldon Engelhardt, Alger  
Mark Edward Frena, Findlay  
Ronald Avery Gibson, North Olmsted  
D. Roy Goldsberry, Wooster  
Michael Allen Groh, Atwater  
Mark Trevor Harmon, Euclid  
Daniel Richard Harriman, Cincinnati  
Bennie Eugene Hill II, Granville  
Warren Robert Hoffman, Ashville  
Larry Leon Hoyt, Lima  
Thomas E. Hornish, Oakwood  
Nancy Jane Hummell, Worthington  
Robert Edward Jackson, Galion

James Glenn Lawrence, Dalton  
Douglas Vernon Lenz, Curtice  
Thomas Peter Mark, Melville, N. Y.  
Gregory Nelson McDaniel, Alger  
Anthony James Nadratowski, Chagrin Falls  
William E. Naseman, Botkins  
Juana Mercedes Ortega,  
Maracay Edo Aragua, Venezuela  
Michael Joseph Politz, Columbus  
Lewis Michael Popplewell, Wintersville  
William Joseph Richards, Mentor  
Edward Joseph Riestenberg, Cincinnati  
Raymond Joseph Rolley, Jr., Wellsville  
Bruce Martin Spacer, Lima  
Licia Spina, Chesterland  
Anthony Robert Suever, Delphos  
Jeffrey Joseph Tokarsky, Solon  
Harry Charles Wolf, Jr., Amherst

## Civil Engineer

Ilkay Inanoz, Sirkeci, Istanbul

## Bachelor of Science in Civil Engineering

Amer Ahmad, Lahore, Pakistan  
George Stephen Billisits, Gahanna  
Alan Scott Burnett, Cortland  
Thomas Joseph Cailto, Jr., Columbus  
William Louis Chlebowy, Buffalo, N. Y.  
Gregg Mark Clingerman, Columbus  
Kenneth Harold Davis, St. Henry  
Michael Duff Dixon, Reynoldsburg  
Timothy Alan Douglass, Mentor  
John Edgar Fonner,  
New Martinsville, W. Va.  
Robert Charles Gorman, Binghamton, N. Y.  
Allan Michael Guest, Kettering  
Paul F. Hammond, Jr., Columbus  
James Lee Hampshire, Findlay  
Jeffrey Jack Harris, Willoughby  
Gary Lee Harsanye, Youngstown  
Syed Muzammil Hasanain,  
Lohore, Pakistan  
Robert David Henderson, Parma  
Mark Anthony Hylton, Maineville  
John Jennings Johnston, Coshocton  
Mark Allen Katona, Painesville  
Denise Louise Kunz, Maumee  
Mark Wheeler Law, Zanesville  
Robert William Lawless, Grove City  
Gary Robert Long, Columbus  
David Jonathan Mark, Worthington  
Michael James Martin, Lima  
Kurt M. Merdick, Youngstown  
Scott M. Miller, Bedford  
Mehdi Moazzami, Yusefabad, Tehran, Iran  
Daniel Joseph Nettle, Columbus  
Karen Joanne Paoletti, Columbus  
Charlene Rose Palmer, Columbus  
Allen David Robinson, Columbus  
Rees Ann Robinson, Akron  
Thomas Allen Schneider, Worthington  
William Dean Sergakis, Pickerington  
Thomas Brian Skinner, Columbus Grove  
James William Smith, Springfield  
Jeffrey David Strohminger, Kettering  
Muhammad Tahir, Rawalpindi, Pakistan  
Sabir Umerani, Columbus

Edward Joseph Von Hagel, Madeira  
John David Wiles, Painesville  
John Yashan, Jr., Amherst

## Bachelor of Science in Computer and Information Science

Ralph Martin Behner, Marion  
Genita Kay Bettiker, Wadsworth  
James Edward Bouyack, Clyde  
Kevin Lee Bowling, Heath  
Christopher Allen Harris, Toledo  
Jeanette Lynn Jacobs,  
Mt. Vernon, Va.  
David Leroy Johns, Hicksville  
Terrance Owen Johnson, Reynoldsburg  
Michael Charles Kirner, Sandusky  
William Arvid Kramer, Youngstown  
John Lowe Linden, Columbus  
Bryan Michael Monaghan, Dayton  
Scott Michael Morton, Waldo  
Lawrence Edward Phelps, Cambridge  
Bruce Henry Ratcliff, Chillicothe  
Bret Phillips Smith, New York  
Dale Edward Stills, Lakewood  
Michael Anthony Williams, Cleveland  
Daniel Jordan Yocom, Columbus  
Darrell Franklin Yocom, Columbus

## Electrical Engineer

John Alfred Reed Spooner, Cincinnati  
Gerald Robert Vlasak, Columbus

## Bachelor of Science in Electrical Engineering

John Douglas Armstrong, Barberton  
Ronald Drue Baney, Columbus  
Shirley Marie Belknap, Columbus  
Stephen Joseph Bielewicz, Fairlawn  
Robert Scott Bindley, Marion  
Luis Guillermo Boggiano,  
Caracas, Venezuela  
Bill A. Boudouris, Sylvania  
Scott Peter Bradley, Solon  
Thomas Dean Breithaupt, Marion  
Joseph Mark Briggs, Westerville  
Richard Anthony Buge, Columbus  
Robert Nicholas Captor, Smithfield  
David Alan Chaboty, Dayton  
Roger Alan Chorba, Columbus  
Michael Warren Cochran, Elyria  
Brian Broughton Conley, Berea  
William Alexander Copich, Youngstown  
John Henry Cramer, Jr., Marietta  
David William Deacon, Piketon  
Richard Paul Diener, Mansfield  
Ralph Lee Edwards II, Columbus  
Todd Christian Engen, Sylvania  
Wayne Edward Evans, Lancaster  
Mark Edward Fey, Tiffin  
James Allan Fisher, Englewood  
David Moore Fisk, Cincinnati  
Jeffrey Jon Fox, Newark  
Walter Edward Frankiewicz, Elyria  
James Alan Gault, Grafton  
James Leonard Greene, Canton  
Louis John Gulyas, Westerville  
Brett Peter Gundlach, Washington C. H.  
Michael Thomas Guthrie, Vinton  
Kenneth Joseph Harrah, Sylvania

Francis M. Haupt, Worthington  
 Jeffrey William Hegemier, New Knoxville  
 Ward Edwin Heinke, Bay Village  
 Gregory Thomas Holden, Urbana  
 George Chia Yin Hsieh,  
 Kowloon, Hong Kong  
 Robert Eugene Hull, Columbus  
 James Walter Iseli, Columbus  
 William Randall Jacobs, Upper Arlington  
 Jeffrey Laurence Jefferson, Columbus  
 Ed Wing Kui Kan, Columbus  
 Kevin Lee Kilzer, Marion  
 Richard Edward Leonard, Beavercreek  
 Daniel Edward Lewis, Columbus  
 Mark Timothy Maguire, Mansfield  
 Paul Joseph Marcolonis, South Amboy, N. J.  
 Charles William March, Columbus  
 James Kenneth Martin, Galloway  
 David Charles Mealey, Fairview Park  
 Gregory Sather Moore, Bucyrus  
 John Edward Mueller, Jr., Fostoria  
 Robert Neill Newshutz, Gallopis  
 Phiet The Nguyen, Columbus  
 Richard William Oehler, Jr., Woodsfield  
 Robert John Partya, Columbus  
 Michael William Pfueger, Lima  
 Manit Phommekhin, Columbus  
 Brett Albert Pigon, Amherst  
 Mark Alan Pilkington, Columbus  
 Richard Louis Ponzianni, Kettering  
 Roy Edward Ratliff, Columbus  
 Albert Mark Rose, Columbus  
 William Edward Schleder, Columbus  
 Walter F. Schoonover, Jr., Gallipolis  
 Eugene Richard Schroeder, Columbus Grove  
 Bruce Edward Shaneyfelt, Troy  
 Mark Richard Sheen, Salem  
 Patricia Lynn Sommer, Warren  
 Karl Staas, Lima  
 Joseph Francis Strong IV,  
 Flemington, N. J.  
 Michael G. Strung, Middleburg Heights  
 Sagar Vidyadhar Supanekar, Columbus  
 Robert David Turner, Powell  
 Edwin Lynn Utt, Columbus  
 Glen Edward Vaughn, Beavercreek  
 Randall Scott Whitacre, Beverly  
 Gary Robert Wires, Wooster  
 Douglas A. Yakubek, Perrysburg  
 Cynthia Janann Yammine, Findlay  
 Stephen John Yenney, Piqua  
 Rebecca Ruth Young, Columbus  
 Andrew Charles Zacharias,  
 Harleysville, Pa.  
 Jay Charles Zeek, Zanesville  
 Steven Zelliner, Columbus

### **Bachelor of Science in Engineering Physics**

Steven Andrew Arndt, Middleburg Heights  
 Thomas Knight Kroc, Mason  
 Terry Blake Mitchell, Columbus  
 Michael Joseph Ries, Columbus  
 Paul Michael Ulmer, Richmond, Va.

### **Industrial Engineer**

Ronald Dainis Kursinskis, Columbus

### **Bachelor of Science in Industrial and Systems Engineering**

Melanie Sue Bare, Canfield  
 Marvin Gene Behm, Bloomville  
 Brett Anthony Christy, Circleville  
 Catherine Anita Corbeil, Sandusky  
 Richard Kevin Devine, Columbus  
 Russell Jay Franz, Deshler  
 James Thompson Gambrel, Hicksville  
 Rick Michael Genter, Brecksville  
 Robert Gnesessio, Columbus  
 Therese Marie Goetz, Worthington  
 Greg Alan Kenney, Dayton  
 J. Jeffrey Kimmel, Marion  
 James Warren King, Columbus  
 Michael Joseph Knox, Gahanna  
 Donald James Laipple, St. Clairsville  
 John Wesley Legursky, Beckley, W. Va.  
 David James Luebke, Worthington  
 John Vance Magee, Beavercreek  
 Robert Mager, Shadyside  
 Kyle Adam Maurer, Clayton  
 Steven Carl Morey, Dayton  
 Kurt Karl Redman, Xenia  
 Richard Paul Romine, Medway  
 Matthew Louis Root, Ashtabula  
 Lanny Charles Rosenbaum, Xenia  
 Paul Gregory Sherry, Bellaire  
 Eric William Steensen, Newark  
 Heow Meng Tan, Columbus  
 Steven Allen Warnke, Toledo  
 David William Weber, Ironton  
 James Brian Wolfe, Sandusky  
 Christopher Alan Young, Columbus

### **Bachelor of Science in Mechanical Engineering**

Joseph Anthony Abbruzzi, Howell, N. J.  
 Michael Thomas Adams, Monroe  
 Roger Guy Bangs, Worthington  
 David Alfred Bryant, Jr., Columbus  
 Scott Alan Campbell, Brecksville  
 Jeffrey Carpenter, Elyria  
 David Byron Case, New Philadelphia  
 Jacqueline H. Chen, Athens  
 Bruce Thomas Choate, West Chester  
 Wendell Lee Colburn, Columbus  
 Jamie Patricia Connor, Canton  
 George Edward Cook, Cincinnati  
 Garry Joseph Cyr, Columbus  
 Steven Douglas Dinninger, Tiffin  
 Frank Everett Dipaolo, Columbus  
 Cathy West Dougherty, Portsmouth  
 Dana Jay Ellis, Columbus  
 Randall Robert Ernsthansen, Luckey  
 Jeffrey A. Ficke, Columbus  
 Garry A. Fitzmire, Springfield  
 Patrick Chester Gallagher, Sandusky  
 Joseph Stephen Green, Old Tappan  
 Thomas Alan Greetham, Lima  
 Diane Marie Hanlon, Berea  
 Thomas John Holliday, Lakewood  
 Brian Ernest Holloway, Akron  
 Jack Harvey Houchard, Columbus  
 Leslie Ann Huber, Bellefontaine  
 JoAnne Carla James, Akron  
 Richard Charles Jingle, Shadyside  
 Warren Charles Johnson, Middletown  
 John Faunce King, Columbus  
 John Paul King, Upper Arlington

Cevdet Gerald Koksal, Chagrin Falls  
 David John Kuhlmann, Westerville  
 James Edward Leister, Columbus  
 Scott Brian Ludwig, East Liverpool  
 Melissa Mahan, Grove City  
 Edward James Mantey, Cincinnati  
 Richard Lee Mazey, Johnstown  
 Kevin Weston McMahon, Greenville, S. C.  
 Richard Duane Michelhaugh, Reynoldsburg  
 Michael Paul Miller, Highland Heights  
 Steven Worthington Miller, Columbus  
 Diane Joyce Misko, Martins Ferry  
 Jeffrey Brent Mordas, Hudson  
 Steven John Mozes, Dayton  
 Jeffrey James Nietner, Lima  
 Rodney Layne Osborne, Jackson  
 Christian Carl Petersilge, Newark  
 Raymond Richard Pikus, Chesterland  
 Anthony Alan Previte, North Olmsted  
 Timothy Michael Punch, West Chester  
 Thomas Arthur Raterman, Sidney  
 Jeffrey Wayne Reynolds, Columbus  
 Louis Jeffrey Rigrish, Columbus  
 Scott Howard Roof, Canton  
 Steven Michael Schodorf, Columbus  
 Albertus G. Selder, Columbus  
 Carl Arthur Sellke, Westerville  
 William Blair Shook, Bremen  
 Daniel Drew Smith, Cincinnati  
 Stephen Douglas Smith, Mentor  
 Jeffrey Tod Starling, Stockport  
 Aphimuk Taifayongvichit,  
 Bangkok, Thailand  
 Todd Alan Talbot, Lancaster  
 Kerry Glenn Trimble, North Lewisburg  
 Constantinos Tzemos, Columbus  
 Linda Kay Ullmann, Pittsburgh, Pa.  
 Donald Steven Wagner, Cincinnati  
 Robert Leo Wannemacher, Jr., Columbus  
 Donald Thomas Willke, Columbus  
 Raymond Earl Zeller, Reynoldsburg

### **Bachelor of Science in Metallurgical Engineering**

Michael Kurt Abernethy, Steubenville  
 Michael J. Ashley, Mansfield  
 Scott Anthony Baker, Conneaut  
 Jeffrey L. Beatty, Meadville, Pa.  
 Susan Marie Beery, Columbus  
 Karl Richard Bletzacker, Columbus  
 Patricia Gale Breig, Dayton  
 Robert Allen Bullock, Brook Park  
 Michael Christopher Ceh, Amherst  
 Barbara Jean Cumiskey, Worthington  
 Thomas Kevin Dailey, Springfield  
 Steven Everette Gray, Lowell  
 Jeffrey George Kinder, Columbus  
 Marcia Adele Klimkewicz, Garfield Heights  
 Robert Anthony Krivanek, Mayfield Village  
 Christopher Allen Long, Worthington  
 Steven Lewis McGinnis, Tipp City  
 David Benjamin Phillips, Toronto  
 Erik Scott Powell, Worthington  
 Mary Rita Thomas, Columbus  
 Mark Edward Watkins, Marion  
 Patricia Ann Worrell, Middletown

### **Bachelor of Science in Mining Engineering**

Rahim Ghorbanzadeh Haghighi, Columbus

## Bachelor of Science in Surveying

David Wayne Goodrich, Columbus  
James Lee Hampshire, Findlay  
Robert David Henderson, Parma  
John Jennings Johnson, Coshocton  
Thomas Brian Skinner, Columbus Grove  
Michael Allen Straub, Columbus

## Bachelor of Science in Welding Engineering

Robert Allen Anderson, Alexandria  
Robert Mark Baird, Troy  
Jonathan Howes Baxter, Hyannis, Mass.  
Lawrence Evans Brown, Columbus  
William A. Bruce, Grove City  
Michael Lester Foos, Marion  
Frederick John Gentry, New Iberia, La.  
Ronald Joseph Guerra, Sandusky  
Lawrence Bruce Hall, Columbus  
Eric Kenneth Johnson, Morgantown, W. Va.  
Richard Joseph Lutz, Evansville, Ind.  
Paul Joseph Macubia, Waukegan, Ill.  
Jeffrey Allen Manzi, Alliance  
Joseph James Mascolino, Steubenville  
John David Mathews, Wellston  
Keith Eugene Mengel, New Albany  
Blaine David Metzger, Findlay  
Christopher Michael Neary, Cincinnati  
David Francis Powell, Thornville  
William Thornton Randolph,  
Western Springs, Ill.  
Dale Scott Rasche, Columbus  
Roderick Jason Renwick, Columbus  
Gregory Michael Rodgers, Columbus  
Mark James Simon, Canoga Park, Calif.  
Frederick Alan Smith, West Alexandria  
Elizabeth Ann Thompson, Columbus  
Stanley Charles Tripp, Columbus

## School of Architecture

### Bachelor of Science in Architecture

Bradford Lee Angelini, Barrington, R. I.  
Dana Blumenfeld, Ramat-Gan, Israel  
Susan Maria Budinsky, Cincinnati  
Jerry Leigh Bunge, Columbus  
Ronald Canini, Whitehall  
Thomas Eugene Carter, Fredericktown  
Shih-Hong Chen, Columbus  
Janis Robert Circenis, Indianapolis, Ind.  
Charlotte Rae Dewald, Columbus  
Gus Andrew Eliopoulos, Columbus  
Mark Philip Ford, Mansfield  
Vahid Ghobadian, Tehran, Iran  
William Thomas Griffin, Lexington, Ky.  
Donald Wayne Hange, Elyria  
Mordechai Ilan, Givat Schmuel, Israel  
Dong Chul Kim, Sylvania  
Peter Claus Kolb, Kettering  
Donald John Leonard, Worthington  
James Jeffrey LeRose, Columbus  
Paraskevi Christos Liapis, Athens, Greece  
Edward Trent Luebben, Youngstown  
Theresa Maria Luthman, Columbus  
Patrick William Manley, Columbus  
Michael Lee Maxfield, Mason  
Kevin John Miller, Monroeville  
Richard Louis Nitzsche, Marengo  
Arturo Gabriel Palombo, Rockaway  
Thomas Gregory Pendery, Columbus  
Jeffrey Alvin Pierce, Columbus  
Lee Jay Rumora, Ashtabula

Paul Siemborski, Garfield Heights  
Charlotte Barber Sounik, Columbus  
David Raymond Stock, Dayton  
Kyle Anthony St. Peter, Solon  
David Roger Swanlund, Worthington  
George Frederick Turner, Livingston, N. J.  
Ronald Karl Wiendl, Tonawanda, N. Y.  
Theodore John Williamson, Warren  
Alan Tzecheung Wong, Columbus

## Bachelor of Science in Landscape Architecture

Kevin Dale Brandt, Cincinnati  
Joyce Marie Brenwald, Geneva  
Susan Williamson Burkhart, Columbus  
Jennifer Gay Clark, Dayton  
Anthony Joseph Colini, Chesterland  
Kathleen Marie Colton, Gahanna  
Karla Marie Hedman Conrad, Columbus  
Gail Beatrice Dorsey, Columbus  
Kimberly Sue Fiocca, Akron  
David Edgar Giddens, Maumee  
Laura Lee Hallett, Sylvania  
Timothy Jon Halsey, Toledo  
Joyce Ellen Harsh, Delaware  
Heidi Jane Haserodt, Novelty  
Kent Alan Herremann, Newark  
Thomas William Hlavin, Shaker Heights  
Susanna Ruth Jacobs, Hilliard  
Craig Scott Johnson, Vandalia  
Timothy Paul Korosei, Kettering  
Wendy Jane Mahovic, Euclid  
James Lee Mansfield, West Unity  
Jeffrey Philip Morosky, Columbus  
Joseph John Plumpe, Delphos  
Timothy David Promen, Columbus  
Lawrence Anthony Renda, Steubenville  
Kathleen Rose Roberts, Middletown  
Thomas William Scanlon,  
Mississauga, Ontario  
Jeffrey Earl Schobert, Akron  
Laura Jean Scott, Columbus  
Brian Kent Sherman, Independence, Mo.  
Josef Blaine Skelton, Canfield  
Steven Dwight Staats, Columbus  
Walter Chad Stachecki, Water Mill, N. Y.  
Timothy Alan Stall, Willoughby  
Dale William Steigerwald, Columbus  
James Kite Stickley, Urbana  
Robert Jeffrey Stone, Lima  
Ralph Joseph Terbrueggen, Cincinnati  
Raymond Bruce Thomas, Chesterland  
David Seiji Toguchi, Cleveland Heights

## College of Law

Dean: James E. Meeks

### Juris Doctor

Leozino Agozzino, Westlake  
B.A. (Oberlin College)  
Charles Sheridan Allanson III,  
University Heights  
B.A. (University of Notre Dame)  
Thomas Richard Allen, Bay Village  
B.S. (Miami University)  
Mitchell Jay Alter, Dayton  
A.B. (Oberlin College)  
David Cecil Anderson, Lisle, Ill.  
B.M.E., M.B.A.

James Robert Aukerman, Glen Ellyn, Ill.  
B.S. (Indiana University)

Mary Louise Bachman, Chardon  
B.A. (University of Cincinnati)

Stephanie Joi Baker, North Canton  
B.A. (Bowling Green State University)

Michael C. Barra, Huntsville  
B.A.

Keith Travis Bartlett, Columbus  
B.A.

Stephen Robert Beckham, Somerset  
B.A. (College of Charleston)

Robert Mark Bibler, Lancaster  
B.S.Bus.Adm.

Marilyn Joan Bielen, Columbus  
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B.S., B.A. (Bowling Green State  
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Stephen Randall Brenneman, Coshocton  
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Richard Donald Brown, Ironton  
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Elaine Sayers Buck, Columbus  
A.B. (Brown University)

Jo Lindseth Busser, Columbus  
A.B. (Connecticut College)

Jason Harris Calhoun, Yeadon, Pa.  
B.A. (Yale University)

Maria C. Campo, Columbus  
B.S. (Louisiana State University);  
M.A.

William Arthur Cammett, Mason  
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Technology)

Dane Carroll Chavers, Woodmere  
B.A. Economics/Management (Hiram  
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J. Richard Chema, East Liverpool  
B.A. (Georgetown University)

Chester Clive Christie,  
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B.A. (Brooklyn College, City University  
of New York)

Jon Alexander Christensen,  
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B.A.

Samuel Lee Ciatu, Alliance  
B.S. (Miami University)

Dennis Edward Cichon,  
Grand Rapids, Mich.  
B.S. (William James College)

Jeffery William Clark, Columbus  
 B.A. (Denison University)  
 Bonnie Lynn Clevenger, Greenwich  
 B.G.A. (Ohio University)  
 Richard A. Cline, Columbus  
 B.A., B.S. (Kent State University)  
 Leonard Stuart Coleman, New York, N. Y.  
 B.A. (University of Rochester)  
 Dener Dean Collins, Streetsboro  
 B.S.C.E.  
 Janet Sue Collins, Orrville  
 B.A. (Western Michigan University)  
 Michael Leslie Colopy, Heath  
 B.A. (Capital University)  
 Catherine Coburn Costello, Cleveland  
 B.S. Chemistry (John Carroll University)  
 Stephen Eugene DeMarsh, Canton  
 B.S.Bus.Adm.  
 Marc Douglas Dietz, Cincinnati  
 B.S. (University of Cincinnati)  
 Frederick Walker Dressel, Wapakoneta  
 B.A. (Ohio University)  
 Jill Anita Driver, Lafayette  
 B.A. (Bluffton College)  
 Susan Carole Durham, Albany, Ga.  
 B.A. (Kenyon College)  
 Catherine Sue Dutton, Mansfield  
 B.A. (University of Vermont)  
 Gary Eugene Ellis, Granville  
 B.A.  
 James Craig Ellis, Dayton  
 B.A. (University of Dayton)  
 Diane Marshall Ennist, Columbus  
 B.A. Psychology and Political Science  
 (University of Rochester)  
 Iona Evelyn Evans, Lancaster  
 B.A. (Bowling Green State University)  
 Kathleen Anne Fisher, Parma Heights  
 A.F.A. (Sullins College);  
 B.A.-B.F.A. (Stephens College)  
 Mark Steven Fishman, Beachwood  
 B.A.  
 William Cartwright Fithian III,  
 Youngstown  
 B.A. (Pennsylvania State University)  
 Timothy Lee France, Zanesville  
 B.A. (Ohio Northern University)  
 Bruce Richard Freedman, South Euclid  
 B.S.B.A. (Miami University)  
 Michael Richard French, Rocky River  
 B.B.A. (University of Michigan)  
 Barbara Ruth Friedman, Cleveland  
 B.S. (Indiana University)  
 Eileen Pruett Friedman, Bexley  
 A.B. (Indiana University)  
 James Richard Gallagher, Ironton  
 B.S. (Miami University)  
 Philip Garth Gartrell, Westerville  
 B.A. (Capital University)  
 George Eric Gehring, Marion  
 B.A. (Capital University)  
 Janet Diann Gibson, Xenia  
 B.S., B.A.  
 James Anthony Giles, Mt. Vernon  
 A.B. (Kenyon College)  
 Kathleen Collins Goldsmith, Akron  
 B.S.Agr.  
 Helen Claire Godby, Morristown, N. J.  
 B.S.  
 Pamela J. Grandon, Bartlett  
 B.S.  
 Anne Campbell Griffin, Westfield Center  
 A.B. (Kenyon College)  
 Philip John Halley, Huron  
 B.S.  
 Stephen M. Hammersmith, Huron  
 B.A. Journalism  
 Joseph Patrick Harmon, Centerville  
 B.A. (Northland College)  
 Connie Jane Harris, Worthington  
 B.A.  
 Lowell Ashley Hedlund, Jamestown, N. Y.  
 B.A. (Wittenberg University)  
 Jeffrey Alan Hennemuth, Parma Heights  
 B.A. (Baldwin-Wallace College)  
 R. Ann Herzberg, Lansing, Mich.  
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 John Conrad Heinkel, Middletown  
 B.A. Political Science (Miami University)  
 Paul Joseph Hess, Jr., Cincinnati  
 B.A. (University of Notre Dame)  
 James Henry Holthaus, Wapakoneta  
 B.A.  
 William Gehrett Huddle, Williamsburg  
 B.A. (Princeton University)  
 James Scott Huggins, Ashland  
 B.A.  
 Martin Stuart Hume, Youngstown  
 B.A. (Wesleyan University)  
 Fredrick Hunker, Columbus  
 B.S.I.D.  
 Daniel James Hunter, Bucyrus  
 B.S. Business Administration  
 Sandra Marie Hylant, Toledo  
 A.B. (Indiana University)  
 Patricia Ann Jamison, Canal Winchester  
 B.A. (University of Kentucky);  
 M.S. (Eastern Kentucky University)  
 Charles R. Jones, Mentor  
 B.A. (Cameron University)  
 Mary Elizabeth Jones, Columbus  
 B.S. Education (Kent State University);  
 M.A.  
 John James Joseph, Columbus  
 B.S.  
 David Scott Jump, St. Marys  
 B.A.  
 Joseph Raymond Karpowicz, Columbus  
 B.B.A. (University of Notre Dame)  
 René Teichner Kauffman, Columbus  
 B.S., M.A. (Northwestern University)  
 Thomas John Keable, Brockport, N. Y.  
 B.A. (State University of New York at  
 Buffalo)  
 Jacquelin Davis Keister, Celina  
 B.A. Political Science  
 Michael Jay Kelley, New Lexington  
 B.B.A. (Ohio University)  
 Kathryn Joan Kerr, Cincinnati  
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 Ellen Kirschenbaum, South Euclid  
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 René Veronica Koch, Sandusky  
 B.A.  
 Michael Sabin Kolman, Doylestown, Pa.  
 B.S. (Pennsylvania State University);  
 M.S. (Southern Connecticut State College)  
 John F. Kostelnik III, Willowick  
 B.S. (Miami University)  
 Kenneth James Kowalski, Cleveland  
 B.A. (Case Western Reserve);  
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 Leonard Chamberlin Kuentz, Potomac, Md.  
 B.A. (University of Maryland)  
 Deborah L. Kurfiss, Fairfield  
 B.A.  
 James M. LaGanke, Rocky River  
 B.A. (Cleveland State University)  
 David Alan Laing, Lakewood  
 B.A. (Case Western Reserve University)  
 Douglas William Lambert, Bellbrook  
 B.A. (College of William and Mary)  
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 Marc Evan Lewis, Columbus  
 B.S. in Business and Economics (University  
 of Kentucky)  
 Mark Douglas Long, Zanesville  
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 Mark James Lucas, Marion  
 B.A. (Adrian College)  
 Scott B. Lowry, Kettering  
 B.S.  
 Jeffrey Dale Mackey, Groveport  
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 Gregory Alan Markko, Massillon  
 B.S. (Miami University)  
 Philip Alan Marnecheck, Cleveland  
 B.S.  
 Douglas Hayes Marshall, Findlay  
 B.A. (Bowling Green State University)  
 Dennis Joseph McCann, Bexley  
 B.S. (Wheeling College)  
 George R. McCue, Lorain  
 B.S., B.A. Finance  
 Frances Elaine McGee, Dayton  
 B.A. (Howard University)  
 William Anders McKee, Columbus  
 B.S.  
 James William Meena, Columbus  
 B.S.S.W.  
 Philip Scott Mehall, Shelby  
 B.S.  
 Linda Rosenblum Mendel, Cincinnati  
 B.B.A. (Kent State University)

Steven W. Mershon, Sciotoville  
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Jeffrey Kyle Milbauer, Hamilton  
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Brett L. Miller, Cambridge  
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Mark Stephen Miller, Hinsdale, Ill.  
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Sharon Mariett Gwinn Mullens,  
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Lynn Louise Mullins, Riverside, Calif.  
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Toni Elsie Mulrane, Columbus  
B.A.

Ann Coats Munro, Granville  
A.B. (Radcliffe College)

Carl Joseph Munson, Jr., Columbus  
B.S. (Carnegie-Mellon University)

Cheryl Joanne Nester, Chardon  
A.B. (University of Notre Dame)

Gregg Victor Oakley, Nelsonville  
B.A. (Wittenberg University)

Richard B. Oberer, Dayton  
B.A. (Wright State University)

Stephen Lee Oliver, Minford  
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Robert Joseph O'Neil, Columbus  
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Lisa Kathryn Palmer, North Olmsted  
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Paula Jolyn Penn-Nabrit, Columbus  
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Russell Taylor Perkins, Nashville, Tenn.  
B.S. (Tennessee State University)

Frances Camille Pernel, Columbus  
B.A. (Dickinson College);  
M.S.W.

G. Steven Pommert, Washington C. H.  
B.A. History

Ben Allen Rainsberger, Mount Sterling  
B.A. (Otterbein College)

Guy Lester Reece II, St. Louis, Mo.  
B.G.S. (University of Nebraska at Omaha)

Margaret Anne Reis, Cincinnati  
B.S. Foreign Service (Georgetown University)

Joseph Edwin Rhoads, Waverly  
B.A. Zoology

Thomas Henry Rice, Columbus  
B.A. (Capital University)

James David Robenalt, Lima  
A.B. (Miami University)

Anthony Lorenza Rogers,  
New Smyrna Beach, Fla.  
B.A. (Bethune-Cookman College)

William Donald Rohrer, North Canton  
B.S.Bus.Ad.

Joseph Richard Rosenbaum, Pomeroy  
B.S.

Cynthia Marie Roy, Burlington, N. J.  
B.A.

Anne Sessums Rubin, Athens  
B.A. (Ohio University)

Marc Richard Ruppert, Cincinnati  
B.A. (University of Cincinnati)

James Alan Sarafin, Columbus  
B.A.

Kennetha Sawyers, Nashville, Tenn.  
B.S. (Tennessee State University)

Teresa Karen Scarberry, Milton, W. Va.  
B.A. (Marshall University)

Mark Robert Scherer, Circleville  
B.A.

William Joseph Schmidt, Akron  
B.S. Accounting (University of Akron)

Richard Donovan Schuster, Marion  
B.A. (Miami University)

Belinda Jayne Scriminti, Kettering  
B.S.J. (Ohio University)

Stephen Bradley Seiple, Mayfield Village  
Bachelor of Philosophy (Miami University)

Stephen Rocco Serraino, Bellevue  
B.A. (Ohio Northern University)

Suzanne Irene Seubert, Columbus  
B.B.A. (University of Cincinnati)

John Stanley Shaffer, Stryker  
B.A. (Ohio Northern University)

Madeline Lee Brummer Shay,  
Lynbrook, N. Y.  
B.A. (Case Western Reserve University);  
M.S.

Ellen Elizabeth Clark Sheffield,  
Mount Vernon  
B.S. (Case Western Reserve University)

Diane Marie Signoracci, Gahanna  
B.S. (Franklin University)

Paul Skendelas, Canton  
B.A. (Ohio University)

Lynn Ann Walsh Smith, Pound Ridge, N. Y.  
B.S. Education

Daniel J. Sponseller, Cleveland  
B.S. (Georgetown University)

Kenneth Craig Stillman, Columbus  
B.A.

Dane Stinson, Clarksburg  
B.A. International Studies

John Frederick Stock, Columbus  
B.A.

Charles Elliott Strain, Dayton  
B.A. (DePauw University)

David Lee Strait, Gallipolis  
A.B. (Miami University)

David Lynn Suter, Fostoria  
B.S. (Bowling Green State University)

Todd Shawn Swatsler, Lima  
B.A.

Hayes Taylor, East Liverpool  
B.A.

Steven Walter Tigges, Columbus  
B.S.

Susan G. Tobin, Cleveland  
B.A. (Kenyon College)

Christopher Donley Trail, Worthington  
B.A. (Transylvania University)

Olger Cornelius Twyner III, Laurel, Miss.  
B.A. (Jackson State University)

Yolanda V. Vorys, Columbus  
B.A. (Williams College)

Charles Jeffrey Waite, Newark  
B.A. (Long Island University);  
M.A. (Kent State University)

James Mitchell Walker, Strongsville  
B.S. (University of Akron)

Richard Michael Wallar, Zanesville  
B.A. Psychology (Ohio University)

John Francis Warton, Jr., Columbus  
B.A. International Studies, B.S. Education  
M.A. International Relations (University of Southern California)

Deborah Ann Waterman, Bexley  
B.A. (College of William and Mary)

Gregory Kent Waters, Markle, Ind.  
B.A. (Indiana University)

Katherine Laraine Watts, Mt. Gilead  
B.A.

Gordon Beekman Wean, Warren  
B.A. (Yale University)

Kenneth Edward Wegner, Youngstown  
B.A. (Brandeis University)

Edward Paul Weigelt, Jr., Edmonds, Wash.  
B.A. (University of Washington)

William Richard Wernet, Granville  
B.S. (Denison University)

Thomas Daniel White, Big Prairie  
B.A.

Reagan Elise Whitmyer, Columbus  
B.A. English (Indiana University)

Robert Minor Whittington, Jr., Toledo  
B.A. (Miami University)

Timothy Kevin Williams, Toledo  
B.B.A. (The University of Toledo)

Donna Lynn Wise, Cleveland  
B.A. (Miami University)

Susan C. Wittemeier,  
Lake Ronkonkoma, N. Y.  
B.B.A. (College of William and Mary)

Kay Woods, Lima  
B.S. (Bowling Green State University)

Michael Yaksic, Willowick  
B.A. (Kent State University)

Derk Young, Dayton  
B.A.

Steven James Zeehandelaar, Cincinnati  
B.A. (University of Cincinnati)

## College of Medicine

Acting Dean: Manuel Tzagournis, M.D.

### Doctor of Medicine

Frank James Adiatori, Cincinnati  
B.S. (University of Cincinnati)

Thomas E. Albani, Jr., Hubbard  
B.A. (West Virginia University)

Frank Joseph Albers, Cincinnati  
B.S. (University of Cincinnati)

Alan Isidor Angel, South Euclid  
B.A. (Case Western Reserve University)

Robert John Balchick, Youngstown  
B.S. (Ohio University)

Steven Lee Bailas, Zanesville  
B.S.

William Scott Ballinger, Marion  
B.A. (Capital University)

Edward Nelson Barr, Canton  
B.S. (Mount Union College)

George Brian Bartley, Dayton  
B.A. (Miami University)

Clarke William Baxter, Cincinnati  
A.B. (Harvard University)

Steven Robert Bayer, Columbus  
B.S.

James Fulton Beattie, Columbus  
B.S.

Robert Edwin Behrendt, Forest Park  
B.A. (Northwestern University)

David Clarence Bell, Worthington  
B.A. (Wittenberg University)

Howard L. Bell, Cincinnati  
B.S.E.E. (Purdue University);  
M.B.A. (Xavier University)

Marc Alan Bernstein, Warren  
B.S.E.E.

David Garver Bichsel, Cincinnati  
B.A. (Miami University)

Mark Edward Blankenburg, Hamilton  
B.A. (University of Notre Dame)

Thomas Laurence Blosser, Kent  
B.A. (Miami University)

Linda Kathryn Bockenstedt, Dayton  
A.B. (Harvard College)

Thomas Joseph Boes, Toledo  
B.A. (University of Toledo)

Mark Andrew Borsch, Jacobsburg  
B.S. (Ohio Northern University)

Michael Leedy Bowman, Bellville  
B.A. (Taylor University)

Stan Carter Boyd, Millersburg  
Assoc. Arts (Hesston College);  
B.S. (Bowling Green State University)

Joseph William Bremer III, Bay Village  
B.S. (Cornell University)

Matthew James Britton, Brooklyn  
B.S. (Baldwin-Wallace College)

Gregory Patrick Brown, Dayton  
B.S.

Bruce Eric Bucklan, Longwood, Fla.  
B.A. (Cornell University)

William Michael Callaghan, Mentor  
M.S., B.S. (Youngstown State University)

Raleigh Shipp Callion, Jr., Edison, N. J.  
B.S. (Morehouse College)

Mary E. Callsen, Middletown  
B.A. (Saint Louis University)

Dorothy Louise Camp, Hicksville  
B.S.

Eric Michael Candler, Dayton  
B.S. (Kentucky State University)

Steven Charles Castle, Gates Mills  
A.B. (Miami University)

Mark Joseph Chambers, Toledo  
B.S., B.A. (Case Western Reserve  
University)

Victoria Hsia Chang, Kettering  
A.B. (Stanford University)

Edward Michael Chernick, Dayton  
B.S.

Thomas Gene Chiavetta, Akron  
B.A. (Miami University)

Neeoo Chin, Cincinnati  
B.A. (University of Cincinnati)

Mark Allen Coate, West Milton  
B.S. (Butler University)

Kim Alden Cockins, Lima  
B.A. (Case Western Reserve University)

Aaron Lee Combs, Columbus  
B.S.

Carey Henry Costantini, Cincinnati  
B.S.E.E. (Purdue University)

Richard William Crosekery, Cincinnati  
B.A. (University of Toledo)

Nicholas James Davakis, Poland  
B.S. (Youngstown State University)

Michael H. Davidson, Dayton  
M.S., B.S. (Northwestern University)

Christopher E. Desch, Dayton  
B.S.

Raymond Allan Donie, Ravenna  
B.A. (Hiram College)

Brian Lynn Eddy, Convoy  
B.A. (Ohio Northern University)

David Borden Feldman, Cincinnati  
B.S., A.B. (Ohio University)

John Allen Fisher, Cincinnati  
B.S. (University of Cincinnati)

Dennis Michael Flynn, Worthington  
B.A. (Walsh College)

Jeffrey Thorn Flynn, Chandlersville  
B.S. (Muskingum College)

Michael Anargiros Frangopoulos, Campbell  
B.S.

Elizabeth M. Gallup, Defiance  
B.S. (University of Toledo)

Linda Geer, Brownsville, Ky.  
M.S., B.S. (Western Kentucky University)

Jerry Henry Gelbart, Solon  
B.S. (University of Michigan)

R. Michael Gendreau, Troy, Mich.  
B.S. (Ohio University)

William Norman Ginn, West Milton  
B.S. (Butler University)

Timothy Alwyn Gooden, Cleveland  
B.S. (Ohio University)

Barry Mark Gordon, Akron  
B.A.

Eileen Mary Gormley, Warren  
B.S. (College of the Holy Cross)

Kenneth Paul Guappone, Poland  
B.S. (Youngstown State University)

Stephen R. Guy, Vandalia  
B.S. (Wright State University)

Barry Halpern, Columbus  
B.A. (Miami University)

David Joseph Hamilton, Wilmington  
B.A. (Miami University)

Christopher E. Harris, Rocky River  
B.S.

Daniel Walter Harwood, Stow  
B.S. (University of Akron)

Kim Ann Hawkins, North Canton  
B.A. (Kenyon College)

Jeffrey Allen Heavilon, Marietta, Ga.  
B.S. (Ohio University)

Louis Paul Heckman, Kettering  
B.S. (University of Dayton)

Stephen Robert Hein, Columbus  
B.A. (Kent State University)

John Edward Herr, Columbus  
B.A. (Miami University)

Douglas William Hess, Bowling Green  
B.S. (Bowling Green State University)

Katherine Denise Hewitt, Fairborn  
B.S. (University of Georgia)

Susan Jean Werts Hickey, Tipp City  
B.S.

Charles Scott Hirth, Orient  
B.S.

Robert Paul Hoffman, Akron  
B.S. (University of Akron)

Lawrence S. Holditch,  
San Juan Capistrano, Calif.  
B.S.E. (Princeton University)

Daniel Grant Hunter-Smith, Cincinnati  
B.A. (Reed College)

Patrick William Jamieson, Rocky River  
S.B. (Massachusetts Institute of  
Technology)

Denise Cecile Jennings, Cleveland B.S. (Ashland College)	Thomas Richard Molano, Fairborn B.A. (Northwestern University)	Sheldon David Roberts, South Euclid B.A. (George Washington University)
Edna Marie Jones, Wadsworth B.S. (University of Akron)	Jeffery James Moledor, Massillon B.S. (University of Tampa)	Edward James Robertson, Garfield Heights B.A. (Bowling Green State University)
Robert Leigh Kale, Willard B.A. (Ohio Wesleyan University)	Michael Robert Murnane, Columbus B.S. (University of Georgia)	James Lawrence Robrock, Pepper Pike B.A. (Kenyon College)
Steven Jonathan Kaz, Waukesua B.S. (Wright State University)	John Carlton Myers, Columbus B.A.	Gregory Joseph Rogers, Canfield B.S. (Marietta College)
Karen Marie Keyse, Olmsted Falls B.A. (Ohio Northern University)	Walter Jerry Mysiw, Cleveland B.A. (Case Western Reserve University)	Marc Carlton Rose, Youngstown B.A.
Harold Bruce Kitaoka, Granger, Ind. B.A. (Miami University)	David Robert Neiger, Parma B.S.	Phillip Carl Rosmarin, Columbus B.S.
David Karl Klassen, Bluffton B.S. (University of Akron)	Neil Franklin Neimark, Youngstown B.S. (Youngstown State University)	Robert James Rossio, Beachwood B.S. (University of Toledo)
Gayleen Patricia Kolaczewski, Akron B.S. (University of Akron); M.S. (Case Western Reserve University)	Steven Donald Nelson, Rocky River B.S.	Donald Lee Russell, New Philadelphia B.A. (Malone College)
Robin Dale Kollman, Tuscarawas B.S. (Muskungum College)	Thomas George Olbrych, Youngstown B.S. (John Carroll University)	Kristofer Gibson Sandlund, Bath B.S.
Kevin James Kolovich, Cleveland Heights B.S.	E. Mitchel Opremeck, North Olmsted B.S.	Donald Ray Savage, Jr., Germantown, Tenn. B.S.
Brian Ernest Kozar, Fairview Park B.S.	Howard William Palay, Beachwood B.S. (Yale University)	Carl Ralph Schaub, North Canton B.S. (Case Western Reserve University)
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Joseph Scott Laney, Port Clinton B.S.	Steven Carroll Parsons, Worthington B.S. (Ohio University)	Victor Schmelzer, University Heights B.S. (Yale University)
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Steven Edward Lindner, Columbus B.S.	Donald Arthur Pavelka, Hopkins, Minn. M.B.A. (Colegate Darden Graduate School of Business Administration); A.B. (Dartmouth College)	Stephen Arthur Segall, Ingleswood, Calif. B.S.
Patricia Ann Long, New Washington B.S. (University of Akron)	Frank Dominic Perrino, Cincinnati B.A. (Saint Louis University)	Nita Louise Seibel, Dayton B.A. (Otterbein College)
Martin Edward Lutz, Toledo B.S. (John Carroll University)	Jeffrey Harold Peters, Worthington B.A.	John Edward Shaner, Malta B.S. (Marietta College)
Nick Majetich, Jr., Youngstown B.A. (Wittenberg University)	Jeffrey Dean Pittis, New Philadelphia B.S.	Kathy Elaine Shy, Springfield A.B. (Wittenberg University)
Morris M. Mandel, Cleveland Heights B.A. (Yeshiva University)	Joel Arden Porter, Cincinnati B.A. (Wabash College)	Daniel Thomas Sicking, Cincinnati B.S. (Xavier University)
Michael Lawrence Markel, Akron B.S.E.E. (University of Notre Dame)	Amelia Schrag Prack, Westerville B.S., B.A. (Duke University)	Robert Trent Sickles, Columbus B.A. (Denison University)
Christina Marie Martin, Columbus B.A.	Eric Gregory Prack, Willard B.A. (Saint Vincent College)	James A. Sides, Dayton B.S.
Mary Victoria Marx, Dayton B.A. (College of Wooster)	Lemoyne Rheul Pringle, Canton B.A. (Olivet Nazarene College)	Benjamin Samuel Simon, Salem B.S.
Daniel Thomas Maurer, Lima B.S. (University of Notre Dame)	John Dinnie Quimjian, Columbus B.A. (Wittenberg University)	Donald Craig Simon, Youngstown B.S. (Miami University)
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Deborah Marie Messig, Amherst B.S.	Susan Marie Reis, Cincinnati B.S. (University of Notre Dame)	William Gerard Soden, Bay Village B.S. (Bowling Green State University)
Harry Frederick Meyers, Toledo B.S. (United States Naval Academy)	Bartholomew Joseph Resta, Columbus B.A. (The Johns Hopkins University)	Daniel Charles Stambor, Lima B.A. (Haverford College)
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		Kathleen Mary Strah, Twinsburg B.S. (University of Notre Dame)



Maurice William Stutzman, Sugarcreek  
B.S. (Eastern Mennonite College)

George Ruhl Tingwald, Shaker Heights  
B.A. (University of Chicago)

Timothy Aloysius Tobin, Cleveland  
B.S. (Saint Louis University)

Mark Tranovich, Bellaire  
B.S.

Irene Taironis, University Heights  
B.A. (Case Western Reserve University)

Kent Alan Tucker, Toledo  
B.S. (Spring Hill College)

Julianne Marie Uehlein, Cincinnati  
B.S. (College of Mount Saint Joseph)

Thomas Martin Vara, Mayfield Village  
B.S. (Brown University)

John Henry Varga, Columbus  
B.S.

Jeffrey Vasiloff, Rittman  
B.A. (College of Wooster)

James William Vrabel, Mansfield  
B.S. (Kent State University)

Douglas Scott Wagner, Akron  
B.A. (Miami University)

Mark Adrian Wangler, Ft. Recovery  
B.S. (Wright State University)

Deborah Paessun Ward, Dayton  
B.S. (Wright State University)

Jeffrey Phillip Wasserstrom, Columbus  
A.B. (Washington University)

Gregory Alan Watts, Utica  
A.B. (Kenyon College)

Ann Ouellette Wehr, Cincinnati  
B.S. (University of Notre Dame)

Chris James Wehr, Zanesville  
B.S. (Duke University)

George Jay Weiner, Cincinnati  
B.A. (Johns Hopkins University)

Donald Bruce Wender, Pittsburgh  
B.S. (Pennsylvania State University);  
Ph.D. (Case Western Reserve University)

Pamela Sue Werner, Kettering  
B.S. (Wright State University)

Judith Ann Westman, Millersport  
B.A. (Ohio Northern University)

Steven Ross Williams, Columbus  
B.A.

Joan Lowder Wilson, Berea  
A.B. (Baldwin-Wallace College)

Virginia Catherine Woodrow, Englewood  
B.S. (Wright State University)

David Lynn Wuest, South Euclid  
B.S.

Jonathan Joseph Yohbagy, Steubenville  
B.A. (University of Pennsylvania)

Jeffrey Zangmeister, Columbus  
B.A. (Capital University)

Thomas Richard Ziegler, Maumee  
B.A. (University of Toledo)

Rachel Haya Zylberberg, Dayton  
B.S. (University of Dayton)

## School of Allied Medical Professions

### Bachelor of Science in Allied Health Professions

Kathleen Marie Abels, St. Henry  
Jack D. Albert, Cochran, Pa.

B.S. (Slippery Rock State College,  
Slippery Rock, Pa.)

David Carl Anderson, Brooklyn

Pamela Sue Anderson, Akron

Laurel Susan Antler, Columbus

Beth Elise Ayers, Winterset, Ia.

Jacquelyn Renee Bailey, Worthington

Alice Ware Barber, Chillicothe

Lesta Faye Barnes, Paulding

Mark Stephen Basich, Adena

Cynthia Lou Bender, Portsmouth

Joseph Gene Berasi, Youngstown

Donna Jeanne Blischak, Toronto

Thomas Charles Boeke, Coldwater

Wendy Louise Bonsteel, West Lafayette

Colleen Mae Bridges, Mansfield

Elizabeth Jane Brobeck, Kent

Valerie Elyce Brown, Sebring

Cheryl Lynn Buchanan, Newark

Mark Victor Burns, Louisville, Ky.

Nancy Ann Burson, Medina

Dianne Mary Carr, Jersey

Jeffrey D. Carter, Circleville

Susan Camille Chilcote, Toledo

Luann Jenine Ciavarella, Mineral Ridge

Kathleen Marie Corbett, Columbus

Nancy P. Cunningham, Steubenville

Donnie Ferrell Daniels, Elyria

Regina Marie DeAngelo, Canfield

Sandra Jean DeLong, North Royalton

Teresa Ann Diano, San Diego, Calif.

Cynthia DiCioccio, Poland

Cinda Kay Duncan, Dayton

Dawn Olson Elliott, Columbus

Mary Ann Engle, Dayton

Robert Ann Englebeck, Port Clinton

Kevin David Evans, Minford

Carol Sue Fleenor, Canton

Ann Marie Flood, Salem

Lori Lippitt Flowers, Columbus

Susan Fong, Toledo

Sara Dee Fowler, Columbus

Dolores Ann Fox, Columbus

Karen Sue Francy, Bay Village

Sharon Ann Franklin, Toledo

Judy Lynn Frey, Dayton

Linda Ruth Fullen, Columbus

Ruth Marie Fullenkamp, St. Henry

David Alan Fultz, Clyde

Julie Anne Gannatal, Ventura, Calif.

Terri Luana Gannatal, Ventura, Calif.

B.S. (University of Oregon, Eugene);  
M.A.

Constance Burks Gillam, Indianapolis, Ind.

Ellen Sue Goldberger, Lorain

Vickie Sue Grady, Akron

Sue Huntington Graham, Lynchburg, Va.

Joan Kay Griebeling, Lexington

Nita Louise Gruber, Columbus

Elizabeth Ann Haley, Dayton

Lori Beth Halpern, New City, N. Y.

Steven James Hankey, Columbus  
Christina Clara Hardig, Cincinnati

Carol Marie Hawthorn, New Albany  
Laura Lynne Hay, Columbus

Paul Thomas Hays, Hamilton  
Timothy Peter Heckmann, Cincinnati

B.S.Ed. (Ohio University)  
Linda Patterson Henington, Bay City, Tex.

B.S. (Texas A & M, College Station, Tex.)

Melanie Carolyn Hetz, Defiance

Julie M. Hickson, Kettering

Beth Louise Hiebsch, Akron

Jodi Lynn Holland, Alliance

Melissa Ellen Holodnak, Orangeville

Laura Linn Huggins, Galion

Karen Frances Hutchison, Bellevue

Carole Marie Johnson, Broadview Heights

Nancy Ann Kant, Willoughby

Cynthia Marie Karns, Eaton

Deborah Lynne Kelley, Cincinnati

Diane Sue Kennon, Urbana

Jean Marie Kerr, Mentor

Kenneth B. Kimble, Grove City

B.S.

Kathleen Jo Kindig, Wheelersburg

Mary Jane Koch, Akron

Phyllis Louise Kohls, Fort Jennings

Karen Kay Kokinda, Marblehead

Nina Massuros Kowalczyk, Columbus

Beth Koway, Cleveland Heights

Karol Mae Kramer, Troy

Kelly Elizabeth Kramer, Troy

Kay Ellen Kreachbaum, Upper Sandusky

Lisa Diane Krentz, Vandalia

Cynthia Lee Kuhner, Columbus

Susan Elizabeth Kurucz, Westerville

James Edward LaCava, Cooperstown, N. Y.

Karen Ann Landis, Lyndhurst

Jean Marie Lane, Twinsburg

Lisa Ann Lanning, Columbus

Theresa Marie Leard, Columbus

Janet McKim Leonard, Columbus

Sharon Ellen Lewis, Beachwood

Susan Kay Lewis, Dayton

Tracey Allyson Astles Lewis, Toledo

Karol Susy Lingg, Rocky River

Larry Leland Long, Stow

Susan Beth Love, Columbus

Connie Marie Luers, Columbus

William Mack, Independence

Cheryl Elizabeth Maddux, Tipp City

Jerome Carl Malone, Zanesville

Lisa Ann Manning, East Liverpool

Roselle Irene Marino, Niagara Falls, N. Y.

Patricia Anne McDougall, Celina

Margaret Ann McFarland, Columbus

Carla Leann McKay, Sandusky

Jacqueline Ann McKay, Monaca, Pa.

Michele Merryman, Columbus

Barbara Settles Michel, Miamisburg

Louise Lynne Miller, Ottoville

Judith Ghent Mink, Warren

Mary Ellen Mooney, New Lexington

Deborah Jean Muehnicki, Willoughby

Lorrie Ann Muehlbrad, Galion

Elyn Sue Ney, Berea

Maureen Ann O'Hearn, Dayton

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B.A.

Pamela Kaye Oliver, Painesville

Robin Lee Oring, North Olmsted

Maureta Hebron Ott, Lancaster

Jeannette Marleen Page, Massillon

Susan Elizabeth Parker, Canton

Kimberly Anne Perkins, Rocky River

Brenda Diane Petite, Youngstown

Jane Susan Petasche, Brecksville

Beth Ann Pfander, Toledo

Thomas Ralph Potts, Dayton

Kathryn Ann Powell, North Canton  
Janet Marion Preising, Maple Heights  
Andra Rudita Purins, Kettering  
John Gerard Rakosky, Fairview Park  
Linda DeWeese Ramsey, McComb  
Rebecca Lee Rayle, Sycamore  
Timothy Joseph Reisinger, Kettering  
Barbara Ellen Richter, Akron  
Victoria Lynn Ridgway, Walton Hills  
Patricia Marie Ritz, Brecksville  
Mary Ann Romaniak, Parma  
Debra Ann Ronk, Fredericktown  
B.S.Ed.  
Erin M. Rooney, Rocky River  
Linda Marie Schlembach, Hamilton  
Dawn Renee Seigneur, Delta  
Karen Ann Shaneyfelt, Troy  
Joann Louise Smith, North Ridgeville  
Karen Sue Smith, Greenfield, Ind.  
Susan Marie Stanley, Dayton  
Karen Leah Strain, New Carlisle  
Jeanne Marie Strouss, Hubbard  
Marianne Sturr, Dayton  
Susan Miriam Sukornick,  
Williamsville, N. Y.  
Carol Jane Sumpter, Bryan  
Robin Gale Sutton, Columbus  
Jack Andrew Thomas, Newton Falls  
Susan Anne Tilgner, Grafton  
Kathleen Tropek, Lima  
Rebecca Elizabeth Troyer, Elida  
Scott David Underwood, Marysville  
Joyce Ann Valigore, Solon  
Joyce Diane Watts Vann, Amherst  
Linda Vechey, Sandusky  
B.A. (Ohio Wesleyan)  
Margaret Kristin Walker, Mason  
Kimberly Kay Ware, Sidney  
Jay Michael Wickerham, Columbus  
Marsha Kay Williams, Salem  
Julia Bailey Wilson, Fairview Park  
Kathryn Rose Woodworth, Madison  
Lora Jeanne Yeamans, Columbus  
Gholam Reza Yousefi, Columbus  
Karen Jeanne Ziels, Hamilton

### Certificate of Post Baccalaureate Circulation Technologist

Don Michael Ellenwood, New Bremen  
B.S. (Wright State University)  
Thomas J. Gibson, Willard  
B.S.  
John Stephen Jacober, Cincinnati  
B.A. (University of Cincinnati)  
Ronald David Matheis, Harrison  
B.S.  
Gary Ellis Palmer, Bloomington, Ind.  
A.B. (Indiana University, Bloomington,  
Ind.)

### Certificate of Post Baccalaureate Medical Technologist

Joy Garman Remley, Columbus  
B.S. (Ohio University)

### Certificate of Study in Medical Communications

Shelly Lynne Yarley, Columbus  
B.A.

### Certificate of Study in Physical Therapy

Patricia Jean Ball, Worthington  
B.S.Ed. (Ohio University)

### School of Nursing

#### Bachelor of Science in Nursing

Gretchen Ann Adler, Walton Hills  
Barbara Robin Agres, Hightstown, N. J.  
Vanessa Lynn Alexander, Columbus  
Barbara Elisabeth Arnold, Columbus  
Elizabeth Louise Bacon, Amherst  
Cynthia Lane Baird, Washington C. H.  
Peggy Ann Baird, Springfield  
Susan Marie Ballmer, Columbus  
Laurie Joy Bauer, Fairview Park  
Linda Jean Baum, Urbana  
Elizabeth Dawn Benner, Columbus  
Kelly Jo Berlekamp, Sidney  
Julee Rebecca Bolg, Howell, Mich.  
Sharon Ann Bolster, Cleveland Heights  
Mary Louise Booker, Berlin Heights  
Jean Elizabeth Buchanan, Rocky River  
Beth Ann Bucher, Wooster  
Cindy Lou Burns, Milford Center  
Janet Elaine Bushong, Elida  
Stephanie Jo Buynacek, Harvard, Mass.  
Louise Mary Chappell, Delaware  
Sally Ann Chappell, Columbus  
Cheryl Lynn Clark, Grove City  
Judith Ann Collins, Dublin  
Frank Ernest Core II, Steubenville  
Joan Marion Couden, Blacklick  
Kathleen Kellner Couling, Columbus  
Laura Elizabeth Denman, Wooster  
Jan Laura Drummond, Addison  
Eileen Marie Dyrdek, Beverly  
Beth Eileen Englehardt, Dayton  
Mary Patricia Fearon, Canton  
Lauren Frances Fifer, Walton Hills  
Beth Lynn Fineran, Hamilton  
Jane Marie Fiore, Massillon  
Teresa Suzann Flory, Piqua  
Debra Ann Gabel, Dayton  
Maria Renee Garchar, Struthers  
R.N.  
Monica Christine Garchar, Struthers  
R.N.  
Laura Lee Gardell, Columbus  
Kimberly Ann Gerst, Caldwell  
Robert James Gottschalk, Wauseon  
Rebecca Ann Gray, Wooster  
Jodie Elyn Greene, Mayfield Heights  
Paula Lynne Greene, Clyde  
Donna Jean Grolle, Perrysburg  
Marilyn Jean Haas, Lakewood  
Rose Marie Hahn, Bellevue  
Christine Marie Hamman, Bay Village  
Kristin Patricia Hamrick, Columbus  
Amy Luan Hann, Obetz  
Jill Elizabeth Harding, Lyndhurst  
Susan Campbell Harper, Cleveland  
Rosalind Jean Herald, Reynoldsburg  
Mary Ann Harworth, Xenia  
Mary Elizabeth Hoell, Reynoldsburg  
Helen Marie Hollis, Columbus  
Laura Anne Hutchinson, Kettering  
Robin Sue Kalman, Stow  
Therese Marie Kanney, Coldwater  
JoAnn Marie Kassman, Rochester, Mich.  
Robin Gay Kephart, Cuyahoga Falls  
Cathy Jean King, Groveport  
Kathy Ann Koontz, Dover  
Susan Beth Kozar, Chillicothe  
Candice Kisao Kumagai, Columbus  
Patricia Christene Lause, Custar  
Ellen Rae Layman, Fostoria  
Susan Marie Leaman, Payne  
Cathryn Sue Lowe, Bucyrus  
Krista Lynn Lucas, Greenfield  
Joyce Ann Maggiore, Canton  
Donna Lynn Martin, Columbus  
Mary Beth May, Parma  
Maureen Ann Mercier, Columbus  
Katherine Irene Miller, Akron  
Maureen Mary Mitchell, Niles  
Susan Mora Moroney, Cleveland  
Davene Anne Nackino, Youngstown  
Rita Maria Navarro, Brunswick  
Diane Kay Orr, Warren  
Deborah Lynn Owens, Columbus  
Donna Marie Paquette, Columbus  
Judith Ellen Paradis, Wintersville  
Bernadette Frances Pazzdziorko, Conneaut  
Diane Jean Plunkett, Columbus  
Christine Kay Pollauf, Toledo  
Sue Ann Poock, Sandusky  
Valerie Popil, Parma Heights  
Judy Lynn Price, Morrow  
Sharon Elizabeth Quint, Brook Park  
Gail Marie Recktenwald, Fremont  
Tonya Kay Reisinger, Lancaster  
Sherry Rice, Worthington  
Lynne Ann Robinson, Columbus  
Sharon Ann Sack, Amsterdam  
Janet Kay Salvato, Ashtabula  
Gwen Schellentrager, Lyndhurst  
Jugenia Ann Schrader, South Webster  
Carrie Lea Schroder, Dayton  
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Maureen Diane Serger, Hamilton  
Pamela Lynn Shade, Eaton  
Michelle Marie Smith, Columbus  
Annette Irene Sprinkle, Hillsboro  
Cynthia Irene Stammen, Burkettsville  
Carin Starr, Columbus  
Janice Renee Stearn, Canton  
Joy Maureen Strief, Cincinnati  
Tamara Lynn Sutherland, Kenton  
Shelley Anne Swisher, Fairview Park  
Martha Theresa Thomas, Lancaster  
Ruth Elizabeth Thomson, Cleveland Heights  
Elizabeth Ann Tope, Gallipolis  
Ann Frances Turbett, Lorain  
Laurie Diane Urlaub,  
West Hempstead, N. Y.  
Barbara Ruth Warner, Worthington  
Vicki Louise Weir, Carrollton  
Debra Jane Whittenbarger, Cincinnati  
Rhonda Faye Wiggins, Columbus  
Anne Miriam Wilson, Grove City  
Deborah Marie Young, Carroll

## College of Optometry

Dean: Frederick W. Hebbard

### Doctor of Optometry

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Brian Scott Armitage, Cornwall, N. Y.  
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Lee Nathan Bryant, Ironton  
Chris Allan Calaway, Wadsworth

Robin Marci Comisar, Cincinnati  
 John Jeffrey Conrad, Leetonia  
 B.S. in Agr.  
 Gary Edwin Contner, Bellefontaine  
 Holly Crago Conway, Marietta  
 James Robert Conway, Canfield  
 Edward Walter Crum, Woodsfield  
 Grey L. Eckert, Hillsboro  
 Karla J. Enochson, Wahpeton, N. D.  
 Jacqueline Yvette Goings, Springfield  
 B.S. (Central State University)  
 Drusilla Haskins Grant, Hudson  
 B.A. (Wittenberg College)  
 Stephen J. Grygier, Marion  
 B.S.  
 Mark J. Hagee, Cincinnati  
 Paul Douglas Hampton, Newark  
 B.S.  
 Timothy James Hennie, Chardon  
 Barbara J. Hetrick, Euclid  
 B.S. (Muskingum College)  
 Roger Dean Kamen, Mansfield  
 B.S.M.E. (Tulane University)  
 Michael Keyes, North Olmsted  
 B.S. (University of Toledo)  
 Gregory Albert Kiracofe, Gratis  
 David Alan Koch, Columbus  
 B.S. (University of Dayton)  
 Gregory James Kuley, Cincinnati  
 B.S. (University of Cincinnati)  
 Joseph P. Leisring, Dayton  
 Craig Arthur Liebig, Keyser, W. Va.  
 Randall Michael Maceyko, Campbell  
 Bruce Leonard Manning, Wadsworth  
 Joseph P. Martin, Hiram  
 Thomas F. Mauger, Westville  
 Robert James McClure, Wooster  
 B.S., M.S.  
 James Mershon, Portsmouth  
 Aaron Alvie Moats, Ravenna  
 B.S. Zoology (Kent State University)  
 Greg G. Montavon, Portsmouth  
 B.S.  
 Jeffrey M. Moore, Orlando, Fla.  
 B.S.  
 Robert Dennis Murphy, Akron  
 B.S.  
 Robert William Nash, Kent  
 Martin K. Neal, Martins Ferry  
 B.S. (Ohio University); M.S.  
 James Richard Patterson, Ashland  
 Stephen J. Pinder, North Canton  
 Jodi Grimm Price, Lancaster  
 E.S. (Ohio University); M.A.  
 Mark J. Rebeck, Akron

Mark Kevin Robinson, West Lafayette  
 Jeffrey Andrew Ropar, Columbus  
 Stanley J. Sadorf, Columbus  
 B.S. (Frostburg State College)  
 James Lee Schmoli, Middleport  
 Jeffrey Curtis Seebohm, Cincinnati  
 B.S. (Defiance College)  
 Alfred Sugawara, Milinani, Hawaii  
 B.A.  
 Alexander Joseph Szabo, Lakewood  
 B.S. (Cleveland State University)  
 Larry Edwin Tope, Paulding  
 B.S. (Bowling Green State University)  
 Ronald Charles Wallie, Kirtland  
 B.A. (Kent State University)  
 Denis Alan Warobiew, Brookfield  
 Michael John Woloschak, Youngstown  
 B.S. (Mount Union College)  
 LaMar Glen Zigler, Bryan

Beverly Ann Hunter, Lima  
 James Lloyd Jones, Orwell  
 Paul Richard Jones, Johnstown  
 Michael Anthony Kalivoda, Lorain  
 Kerry James Keckler, Canton  
 James William Kern, Struthers  
 Mark Alan Killian, Clyde  
 Tamara Ruth Kosky, Stockport  
 B.S. (Ohio University)  
 Carl Robert Litts, Newark  
 Teresa Ann Louxk, Ironton  
 Corlis Klara Anna Macziewitzki,  
 Walton Hills  
 Barbara Ann Marchio, Warren  
 Donna Sue May, Columbus  
 Mary Susan McDaniel, St. Marys  
 Karen Elaine Miley, Zanesville  
 Bret Robert Moran, Hilliard  
 Gail Susan Morrison, Kettering  
 B.A. (Barat College)  
 Laurin Ann Neimayer, Scio  
 Mark Allen Noecker, Ashby  
 Keith Allan Pappas, Independence  
 Donald Joseph Pitzer, Portsmouth  
 Gregory Joseph Plas, Cincinnati  
 Elisabeth Radebaugh, Lancaster  
 Gregory Reardon, Poland  
 Jeffrey Eugene Rinda, Warren  
 B.A. (Oberlin College)  
 Gary Alan Ritz, Novelt  
 William Randall Roh, Youngstown  
 James Nicholas Romeo, Poland  
 Jack Ralph Rosati, Jr., Woodsfield  
 Corrine Cohen Rosen, Beachwood  
 Larry Charles Schieber, Circleville  
 Catherine Elizabeth Snider, Zanesville  
 Carolyn Louise Stang, Bellefontaine  
 Linda Goldmeier Szames, Columbus  
 Cecilia Irene Thurn, Columbus  
 Thomas Edward Whiston, Mt. Gilead  
 Marc David Wolf, Mayfield Heights  
 Randall Jay Wright, Enon

## College of Pharmacy

Dean: Albert H. Soloway

### Bachelor of Science in Pharmacy

William John-Anthony Balestrino, Hubbard  
 Ann Leslie Barcroft, Coshocton  
 Marcia Joyce Barron, Beachwood  
 Karen Loetta Bates, Worthington  
 Lynn Ann Beach, Shelby  
 Melinda Taylor Blosser, Olathe, Kans.  
 B.A. (Mount Vernon Nazarene College)  
 Patricia Ann Boes, Findlay  
 Evelyn Ann Buchholz, Lakewood  
 Carla Lee Burgett, Columbus  
 John Charles Canestraro, Urbana  
 Donald Alan Carroll, Fairview Park  
 Ashok Kumar Chawla, Columbus  
 Barbara Jeanne Clark, Columbus  
 William Scott Clark, Kettering  
 Janine Evon Clement, Kenton  
 Stephanie Elaine Cross, Shaker Heights  
 Terrence Allen Davis, Columbus  
 Sherry Lynn DeBolt, Columbus  
 Barry Peter DeRan, Tiffin  
 Mark William Dorian, Galion  
 Mary Louise Ebbert, St. Clairsville  
 Joseph Jerome Flynn, Las Vegas, Nev.  
 Timothy Paul Fouts, Toledo  
 B.A.  
 Twila Sue Frye, Hannibal  
 Jody Lynn Gary, Bridgeport  
 Mark Edward Giangardella, Niles  
 Philip Lawrence Gingrich, Columbus  
 B.A. (Wittenberg University)  
 Jeffrey Eugene Godwin, Bellefontaine  
 Jill Ellen Goldstein, Tonawanda, N. Y.  
 B.A. (State University of New York at  
 Binghamton)  
 Candis Lynn Gray, Youngstown  
 Robert Page Henderson, Roanoke, Va.  
 Keith Edward Higgins, Amherst  
 Teresa Ann Hirschfeld, St. Marys  
 Jeffrey Alan Hoyda, Tiffin

## College of Social Work

Dean: Robert O. Washington

### Bachelor of Science in Social Welfare

Margaret Rose Albers, Dayton  
 Kaye Celeste Allison, Cleveland  
 Kathy Lynn Bartlett, Grove City  
 Linda Kay Bates, Zanesville  
 Pamela Lynn Bernstein, South Euclid  
 Susan Gwen Bichum, Cuyahoga Falls  
 Beverly Jayne Brandel, Coshocton  
 Deborah Elaine Brubaker, Toledo  
 Maura Jeanne Buckon, Triangle, Va.  
 Darla J. Burns, Columbus  
 Steven James Byrd, Cleveland  
 Maria Victoria Cadiz, Grove City  
 Debra Beth Cohen, Mayfield Heights  
 Teresa Jean Crist, Newark  
 Janet Stanfield Curtin, Columbus  
 Cheri Jo Denney, Jeromesville  
 Barbara Jo Dennison, Crosswell, Mich.  
 Barbara Jane Doerner, Norwalk  
 Karen Michelle Fabiano, Parsippany, N. J.  
 Kathy Lynne Fair, Sabina  
 Mary Anne Flach, Marion  
 Peggy Ann Fossett, Columbus  
 Francis Lynn Frazier, Columbus

Aleta Esther Geib, Marion  
 Stephen Michael Geib, Marion  
 Denise Marie Geregach, North Royalton  
 Patricia Ann Gleason, Cincinnati  
 Cynthia Sharon Goettl, Mansfield  
 Mark Andrew Goyer, Columbus  
 Pamela Sue Graham, Columbus  
 Martha Susan Gregg, Lima  
 Jane Lynn Groh, Lebanon  
 Jeanne Marie Haddow, Columbus  
 Aaron Barry Handler, Cleveland  
 Cornelia Elizabeth Haw, Columbus  
 Jill Linette Hayes, Wauseon  
 Ellen Yvonne Hensel, Marion  
 Diana Susan Hergatt, Mansfield  
 Jodi Lynn Hitt, Worthington  
 Sandra Jean Hone, St. Marys  
 Laura Lee Horner, Rocky River  
 Tonya Sue Jackson, Bryan  
 Darci Ellen Jacob, University Heights  
 Linda Sue Jones, Columbus  
 Diane Jude, Columbus  
 Margaret Allin Kahrl, Mt. Vernon  
 Mindy Rae Katz, Akron  
 Andrea Lisa Knopp, Columbus  
 Danette Elizabeth LaFollette, Lima  
 Janet Kaye Leckrone, Olmsted Falls  
 Barbara Ann Lindsay, Massillon  
 Carol Anne Link, Coldwater  
 Joy Ellen Lohrer, Mt. Carmel  
 Suzanne Long, Mansfield  
 Thomas Douglas Lynch, Jr., Columbus  
 Dyan Lynn MacMartin, Sylvania  
 Patricia Anne Makosky, Youngstown  
 Susan Gayle Mann, Alger  
 Kathi Lynn Markovich, Elyria  
 Maura Masterson, Granville  
 Lauren Sue Mazer, Cincinnati  
 Kathleen Grace McHugh, Gambier  
 Esther Sarah Merves, Columbus  
 Barbara Anne Modecki-Mellet, Marietta  
 Rebecca Ann Kiesel Murden, Tiffin  
 Donna Marie Myers, Lancaster  
 Leah Marcelle Noe, Trotwood  
 Mary Lou Peralta, North Royalton  
 Kathleen Marie Peterson, Worthington  
 Ruth Ellen Rabold, Columbus  
 Mary Anna Rapp, Ridgeway  
 Michael Joseph Reardon, Poland  
 James Alan Rhodes, Akron  
 Lori Dale Rhonemus, Springfield  
 Brian James Rigg, Lima  
 Douglas Alan Sayed, Columbus  
 Cynthia Elizabeth Sherwood, Mt. Lebanon  
 Sandra Ann Shutt, Columbus  
 Marlene Elizabeth Silver, Akron  
 Susan Marie Sly, Upper Arlington  
 Lisa Ann Sotos, Columbus  
 Linda Kay Stewart, Wooster  
 Anna Lee Stone, Chillicothe  
 Lisa Diane Stoner, Galion  
 Edward Mark Sullivan, Mansfield  
 Sherene Lynnett Gardner-Svendsen, Urbana  
 Brenda Rose Towne, Hamilton  
 Debra Ann Traunero, Tiffin  
 Karen Sue Uhlo, Olmsted Falls  
 Arlene Walker, Midland, Pa.  
 Semela Rose Wallace, Columbus  
 Joel David Weingarten, University Heights  
 Tina Marie Wheaton, Mansfield  
 Ronald Matthew White, West Carrollton  
 Carolyn Yvonne Whiteside, Columbus  
 Julia Anne Wink, Marion  
 Joyce Louise Yannon, Steubenville  
 Patricia Mary Zachrich, Napoleon  
 Cathy Joy Ziff, Lincolnwood, Ill.

## College of Veterinary Medicine

Dean: Ronald A. Wright

### Doctor of Veterinary Medicine

Lynn Lorraine Arnold, Dayton  
 Richard Paul Asbury, Emerson, N. J.  
 Steven George Beckett, Hamilton  
 B.S.  
 Richard Lee Bell, Berea  
 B.S. (Cornell University); M.Sc.  
 Martin Burke Betts, Jr., McLean, Va.  
 B.S. (George Mason University)  
 Mark William Bielefeld, Cincinnati  
 Dalia Marie Bloze, Strongsville  
 A.B. (Smith College)  
 David Mark Boulden, Columbus  
 B.S.  
 Terry Lynn Bowersock, Wapakoneta  
 B.A. (Lawrence University)  
 Karen Sheldon Bradler, Temple, N. H.  
 Barbara Belle Brecknock, Elyria  
 Louis William Bremer, Strongsville  
 David Robert Brinker, Cleveland  
 B.A.  
 Vicki Spear Britton, Cincinnati  
 B.S.  
 Frederic Tully Brown, Mt. Sterling  
 B.S., M.Sc.  
 Ronald Joseph Busack, Bellaire  
 Frank Wyatt Butler, Columbus  
 Susan Lee Campbell, Louisville, Ky.  
 B.A. (Wellesley College)  
 Charles Edward Cline, Bolivar  
 Lynda Guthrie Collins, Lincoln, N. C.  
 B.S. (North Carolina State University)  
 Constance Fuller Couch, Canton  
 Anthony Ricardo Dalessandro, Hamilton  
 Craig Theodore Darkow, Akron  
 B.A. (Miami University)  
 Terri Arden Derr, Springfield  
 B.S.  
 Barry Lee Dick, Cincinnati  
 B.A. (Yale University)  
 Nancy Jean Disbro, Cleveland Heights  
 Stephen James Dodaro, Dayton  
 Laurie Gail Doyle, Silver Spring, Md.  
 B.S. (University of Maryland)  
 Joy Rose Dunn, Hopkinsville, Ky.  
 B.S. (University of Kentucky)  
 James Thomas Eldridge, Mason  
 B.S.  
 Martin Eugene English, Tipp City  
 B.S.  
 Mark Alan Enlow, Athens  
 B.S. (Ohio University)  
 James Emery Estep, Columbus  
 B.S.  
 Dianne Louise Ferris, Indian Head, Md.  
 B.S. (University of Maryland)  
 David John Formal, Kensington, Md.  
 B.S. (Dickinson College)  
 Cynthia Marie Gaborick, Parma  
 B.S.  
 Mark Bromley Gallagher, Bath  
 B.S.  
 Tamara Carole Goforth, Fairfield  
 B.S.  
 Lawrence Jay Goldstein, Mayfield Heights  
 B.A. (Hiram College)  
 Laurie Helen Greene, Columbus  
 B.S.  
 Charlene C. Grise, Columbus  
 B.S.  
 Rebecca Lynn Grusenmeyer, Lakewood  
 B.S.  
 Alice Marie Harpold, Cameron, W. Va.  
 B.S. (West Virginia University)  
 Robert Philip Hartshorn, Newark  
 B.S.  
 James Harold Haubert, Louisville  
 B.S. (Baldwin-Wallace College)  
 Nancy Evonne Hauer, Columbus  
 B.S.  
 Phillip Wayne Hayes, Dayton  
 B.A. (Hamilton College)  
 James Jeffrey Hendricks, Bardstown, Ky.  
 A.S. (University of Kentucky,  
 Elizabethtown);  
 B.S. (University of Kentucky)  
 Mark Scott Hennis, Millersburg  
 B.S. (Baldwin-Wallace College)  
 Stephen Alan Hines, West Carrollton  
 B.A. (Miami University)  
 Allen Michael Holden, Olmsted Falls  
 Richard Skinner Hoskins, Everett, N. C.  
 B.S. (North Carolina State University)  
 Timothy Charles Irwin, Bellefontaine  
 B.S.  
 Jay James Jakubowski, Toledo  
 B.S.  
 Paul John Jansak, Jr., Cincinnati  
 Melvin John Kattelman, Cincinnati  
 B.S.  
 Charles Michael Kerns, West Mansfield  
 B.S.  
 Karen Marie Kline, Springfield  
 B.S.  
 Kenneth Wayne Klouda, Columbus  
 B.S. (Kent State University);  
 M.Sc. (University of Akron)  
 Michael Lewis Koch, Morgantown, W. Va.  
 A.B., M.Sc. (West Virginia University)

Stephen Paul Koehler, Louisville, Ky.  
B.A. (University of Louisville)

Michael Lewis Kubera, Westlake  
B.S.

Marcia Lee Landefeld, Cuyahoga Falls  
B.S.

Shauna Lorell Landry, Amherst, N. H.  
B.S. (University of New Hampshire)

Gary Steven Levy, Deal, N. J.  
B.S. (University of Delaware)

Alan William Main, Columbus  
A.B. (Miami University)

Paula Ann Marrie, Youngstown

Karen Sue Mays, Belpre

John Bradley McClung, Tiffin

James Mark McConnon, Brookeville, Md.

Franklin David McMillan, Cincinnati  
B.S.

Thomas Francis Meade, Gambier  
B.S., M.Sc.

Craig Rene Miesae, Celina  
B.S. (Wright State University)

Gay Yvette Miller, Columbus  
B.S.

Joan Ellen Modlin, Huntington, W. Va.  
B.S. (Marshall University)

Thomas Joseph Molloy, Loveland  
B.S.

Martha Lans Moon, Rockville, Md.

Kim John Moore, Hartsville  
B.S.

Michael Eugene Morath, North Canton

Betty Jo Moravick, St. Clairsville  
B.S.

Alan Cliff Mundell, Oxford

Elizabeth Jane Nagle, Wheeling, W. Va.  
B.S. (West Virginia University)

Craig Owen Nofzinger, Whitehouse

Garrett Robert Oetzel, New Richmond  
B.S.

Thomas Kevin Parell, Newark, N. J.  
B.A. (Dickinson College)

Esta Lene Parrish, Southern Pines, N. C.  
B.S. (North Carolina State University)

Steven G. Paul, Wayne, N. J.

David Neill Peters, Mentor

William Emmett Pittman, III,  
Charleston, W. Va.  
B.S. (West Virginia University)

Linda Sharon Randall, Southbury, Conn.  
B.A. (Earlham College)

Karen Soblosky Regan, Brecksville

Donald Lee Reynolds, Dayton  
B.S.

Gary Leonard Riggs, Wadsworth

Jan Ella Rottenberg, Livingston, N. J.

Albert Mark Ruhfel, Toledo  
B.S. (Bowling Green State University)

Caryn Lisa Scaravelli, Bedford  
B.S.

Walter Edward Schott, III, Cincinnati  
B.S. (University of Cincinnati)

Kathleen Mary Schweikart, Union, N. J.  
B.S. (Purdue University)

Douglas Dale Sharpnack, Elyria  
B.S.

Jack Anthony Shepherd, Cincinnati  
B.S.

Maxwell Robert Sidner, III, Columbus

Carolyn Ruth Simmelink, Fairview Park  
A.B. (Smith College)

Lee Katherine Spyridakis,  
Manchester, N. H.  
B.S. (University of New Hampshire)

Rhonda Marie Stallings, Moreland Hills  
B.S.

Ted Allan Stevens, Painesville  
B.S.

Harriet Lela Strickland, Annandale, Va.  
B.S. (George Mason University)

Dana Frederick Taylor, Wayne, N. J.  
B.A. (University of Delaware)

Valerie Alane Thorn, Bay Village  
B.S.

Roger William Valentine, Lexington, Ky.  
B.S., M.Sc. (University of Kentucky)

Donna Lou Violet, Dayton

Wesley Paul Violet, Delphos

Jerry Raymond Waddle, Fairfax, Va.  
B.S. (Virginia Polytechnic Institute and  
State University)

Emily Anne Walton, Nevada  
B.S., M.Sc.

Calvin Wesley Washington, Warren  
B.S. (Cornell University)

Jane Elizabeth Weed, Endsburg Falls, Vt.  
B.S. (University of Vermont); M.Sc.

Gary Lee Weisenborn, Martins Ferry  
B.A. (West Liberty State College)

Melvin Dean Wenger, Dalton  
B.S.

Scott Thomas Whiteman, Dayton  
B.S. (Defiance College)

Billy Larson Whittaker, Newbury  
B.S., M.Sc.

Thomas Ira Wiles, Oxford  
B.S. (Muskingum College);  
M.Sc. (Miami University)

Marylou Brown Wilkes, Big Spring, Tex.  
B.S.

Joseph Thomas Wolf, Columbus

John Ludwig Worman, Gahanna  
B.S.

Bruce Edward Zellmer, Fairborn  
B.S.

Ellen Linnea Ziemer, Roanoke, Va.  
B.S. (Virginia Polytechnic Institute and  
State University)

## Graduates with Honors

Criteria for graduation with honors are as follows:

**With Distinction** requires successful completion of a Senior Honors Thesis, oral examination, and graduation in the top 25% of the class.

**With Honors in the Liberal Arts** requires successful completion of the arts and Sciences Honors Contract and graduation in the top 25% of the class.

**Cum Laude** designates those graduating in the top 10% of the class (top 6% in the Colleges of the Arts and Sciences).

**Summa Cum Laude** designates those graduating in the top 3% of the class (top 1.5% in the Colleges of the Arts and Sciences).

**With Distinction in Agricultural Economics**

Marsha Lynn Menzie  
Cheryl Ann Wenner

**With Distinction in Agricultural Education**

Sandra Lee Born

**With Distinction in Animal Science**

Sheryl Ann Arnold  
Grant Edwin Stufft

**With Distinction in Chemical Engineering**

Edward Joseph Riestenberg

**With Distinction in Chinese Drama**

Theresa Moore

**With Distinction in Circulation Technology**

Beth Ann Pfaender

**With Distinction in Dairy Science**

Steven Howard Vaughan  
Dwight Kenneth Roseler

**With Distinction in Demography**

Michelle D. Tufford

**With Distinction in Environmental Communication**

Andrew Scot Kimmel

**With Distinction in Forest Biology**

James Robert Steinman  
Mark Gerard Taylor

**With Distinction in Home Management and Housing**

Patricia Downing

**With Distinction in Human Nutrition and Food Management**

Kathleen Marie Conroy  
Susan E. Dunn

**With Distinction in Industrial and Systems Engineering**

John Vance Magee

**With Distinction in Microbiology**

Jeffrey Howard Stockfish

**With Distinction in Physical Therapy**

Linda Patterson Henington

**With Distinction in Political Science**

Lev Shalom Gonick

**With Distinction in Population and Family Planning Studies**

Tina Baughman

**With Distinction in Portuguese**

Josiah Hillerman Blackmore III

**With Distinction in Psychology**

Kathryn A. Boll  
David Alan Williams

**With Distinction in Social Pragmatism**

Gregory Casey

**With Distinction in Welding Engineering**

Roderick Jason Renwick

**With Distinction in Wildlife Management**

Thomas G. Ranney

**With Distinction in Zoology**

Darrell Lee Gitz  
Max Mirot

**With Distinction in and with Honors in Economics and Liberal Arts**

Bruce Charles Lazear

**With Distinction in and with Honors in History and Liberal Arts**

Stanley Thomas Bialczak

**With Distinction in and with Honors in Microbiology and Liberal Arts**

James Douglas Hoyer

**With Distinction in and with Honors in Music and Liberal Arts**

David Michael Brown

**With Distinction in and with Honors in Zoology and Liberal Arts**

Joseph Kandel

**With Honors in Liberal Arts**

Stanley Harrison Carr  
Clifford Charles Brodsky Chenfeld  
Mark Edward Dawes  
Donald Wayne Dickerson  
Joan Marie Dwuve  
Malinda Kay Goodrich  
Michael Paul Hanson  
David Richard Kaebling  
Robin Denise Klawon  
Michael John McCord  
James Kevin Mulderig  
Kelly Barton Olds  
Mark Neil Rood  
Mark Edward Sale  
Mitchell Matthew Tallan  
Bonnie Jeanne Weaver  
Susanna Spencer Wilkens  
Jeffrey Hugh Winick  
Michael Andrew Wodarczyk  
Erol Aaron Woods

**Cum Laude**

Frank James Adiutori  
Margaret Rose Albers  
Heidi Lynn Alexander  
Andrew Stephen Angel  
Gordon Neal Arney  
Richard Paul Asbury  
Bonnie L. Auletta  
Michelle Revou Avritt  
Edward George Babits  
George Brian Bartley  
Linda Kay Bates  
Randolph Mark Beaudry  
Patricia Kemp Beckett  
Richard Patrick Belch  
Howard Lee Bell  
Pamela Marie Bender  
Donna Jeanne Blischak  
Beverly Jayne Brandel  
Cheryl Lynn Brantner  
Patricia Gale Breig  
Steven Martin Brown  
Robert Ernest Buehler  
Carla Lee Burgett  
Pamela Ann Burkley  
Rhonda Sue Burtcher  
Ronald Joseph Busack  
Michael Clark Butler  
Dorothea Elizabeth Caiazza  
William Michael Callaghan  
Barbara Krouse Camboni  
Virginia Jane Cardwell  
Chris Cartellone  
Louise Mary Chappell  
Susan Camille Chilcote  
Edward Wilson Claugus  
Yvonne Faith Clauer  
Timothy Brian Coffelt  
Wendel Lee Colburn  
Cynthia Lynn Connor  
Charles Brian Cook  
Nancy Carolyn Coultrip  
Mary Jo Daup  
Robert Bruce Davis  
Peggy Eileen Dean  
Cheryl Lynn Dent  
Peter John DeWitt  
Cynthia DiCioccio  
Barry Lee Dick  
Alan Robert Diedrich  
Frederick Thomas Dietrich  
Robert Donald Dietrich  
Steven Douglas Dinerger  
Barbara Jane Doerner  
Mary Lea Dove  
Catherine Ann Dowler  
Lynette Marie Drumm  
Lisa Ann Dunn  
Edwin Michael Dye  
Bonnie Jean Egan  
Mark D. Ehren  
Carol Louise Elliott  
Mark Alan Enlow  
Carol Sue Fleenor  
Ann Marie Flood  
Mark Phillip Ford  
Michael William Ford  
Jeffrey Edward Powle  
Melanie Lynn Fowler  
Linda Ruth Fullen  
James Robert Gillespie  
Patricia Ann Gleason  
Nancy Ellen Godwin  
Eileen Mary Gormley  
Robert James Gottschalk  
Jane Grazak  
Donna Jean Grolle  
Mary Melinda Gugelchuk  
Rhonda Lynn Hagey  
Jeffrey Lynn Haist  
Elizabeth Ann Haley  
Timothy Lee Hanselman  
Christina Lee Harrington  
Christopher Allen Harris  
Syed Muzammil Hasanain  
Laura Lynne Hay  
Phillip Wayne Hayes  
Martha Suzanne Hendricks  
Mark Scott Hennis  
Margo Louise Hersherberger  
Therese Elizabeth Hewitt  
Keith Edward Higgins  
Jeffrey Lynn Hill  
Nolan Fess Hines  
Joel Lee Hoelzer  
Helen Marie Hollis  
Melissa Ellen Holodnak  
David Donald Hubbell  
Douglas Carl Hufford  
Julie Ann Hunsicker  
Wendy Ellen Hunt  
Susanna Ruth Jacobs  
Craig Scott Johnson  
Gina Lee Johnson  
Mark Steven Johnson  
Edna Marie Jones  
Julie Marie Jones  
Linda Sue Jones  
Gerhard Jakob Jung  
Katherine Mary Kaczmarek  
Rita Carol Kalmbach  
Roger Kaman  
Sharon Anne Kaminaki  
William Robert Kolodzki Kaye  
Nancy Louise Kell  
Phoebe Marie Kerby  
James William Kern  
Bradley Wendt Kibbel

Sharon Kay Kincade  
 Heidi Carolyn King  
 David Karl Klassen  
 Nobuko Koike  
 Loretta Marie Kramer  
 Linda J. Langhorst  
 Ya-Syn Lee  
 James Edward Leister  
 Carol Linda LeMasters  
 Richard Edward Leonard  
 Raymond Lev  
 Theodore Librizzi  
 Keith Michael Lichtesien  
 James David Lifer  
 Stephen R. Lillie  
 Martha Ellen Lipscomb  
 Scott Quinn Little  
 Carl Robert Litts  
 Larry Leland Long  
 Bradford Scott Loveless  
 Theresa Maria Luthman  
 Patricia M. Lynch  
 Paul Joseph Macubia  
 Mary Susan Madlener  
 John Vance Magee  
 Robert Mager  
 Michael John Maistros  
 Nick Majetich, Jr.  
 Margaret Mercer Maple  
 Daniel George Marulli  
 Kathleen Gail Maurer  
 Mary Beth Mayock  
 Kenneth Allen Mays  
 Adrienne Jean McNicholas  
 Thomas James McNichols  
 Holly Anne Merker  
 Christian Ayer Merrill  
 Steven Worthington Miller  
 Martha Lams Moon  
 William Bascom Moore  
 Betty Jo Moravick  
 Mark Kohler Morehart  
 Steven Carl Morey  
 Lynn Ann Morgan  
 Gail Susan Morrison  
 Susan Louise Mors  
 Lorie Ann Muehlbrad  
 Alan Cliff Mundell  
 Robert Nash  
 Julie Anne Neal  
 Martin Neal  
 Neil Franklin Neimark  
 Karen Nordstrom  
 Clement Nutter  
 Sandra Ann Obrzut  
 Andrew Edward Oden  
 E. Mitchel Opremcak  
 Howard William Palay  
 Ellen Loraine Palmgren  
 Theodore Nick Pappas  
 Daniel Anthony Patrick  
 Raymond Richard Pikus  
 Barbara Ann Pontius  
 Joel Arden Porter  
 Molly Jo Preston  
 Annette Louise Purtell  
 John Dinnie Quimjian  
 Michael Joseph Reardon  
 Linda Ellis Records  
 Julia Marie Reik  
 Jennifer Daniel Ritchey  
 Ann Elizabeth Roberts  
 Penny Sue Rose  
 Lanny Charles Rosenbaum  
 Gary Allen Ruff

Donald Lee Russell  
 Eugene Richard Schroeder  
 Carol Anne Schwartz  
 Nita Louise Seibel  
 Andrew Nicholas Seiter  
 Susan Kay Sells  
 Patricia Louise Seng  
 Sheryl Ann Serviss  
 Jeffrey Dalton Shroyer  
 Sandra Ann Shutt  
 Kathy Elaine Shy  
 Bret Phillips Smith  
 Craig Alan Smith  
 Paul Wheeler Smith  
 Quintin Franc Smith  
 Michael Thomas Sorter  
 Lisa Ann Sotos  
 Annette Irene Sprinkle  
 Amy Elizabeth Sprunger  
 Carolyn Louise Stang  
 Jeffrey Tod Starling  
 Joy Maureen Strief  
 Ruth Ann Coffman Sullivan  
 Scott Lee Thatcher  
 Arden J. Thomann  
 Lee Lynn Thomas  
 Robin Ann Vachon  
 John Gerald Vandervort  
 Glen Edward Vaughn  
 Wesley Paul Violet  
 Douglas Taylor Wagner  
 Rinda Jo Wagner  
 Susan Waldner  
 Douglas William Wallace  
 Robert Leo Wannemacher, Jr.  
 Lisa Kay Watson  
 Kimberly June Webb  
 Jane Elizabeth Weed  
 Chris James Wehr  
 Roger William Weyand  
 Terry David White  
 Scott Thomas Whiteman  
 Donald Robert Whitley  
 Marsha Kay Williams  
 Julia Bailey Wilson  
 Roseanne Windsor  
 Gary Robert Wires  
 Julie Patterson Woods  
 Donald Thomas Wurth  
 Cynthia Janann Yammine  
 John Joseph Yasosky  
 Freida Joy Yedid  
 Daniel Jordan Yocum  
 Darrell Franklin Yocum  
 Sung Sig Yoon  
 Judith Lynn Yeungblood  
 Donald Robert Zak  
 Jeffrey Zangmeister  
 Ellen Linnea Ziemer

Cum Laude with Distinction in  
 Agricultural Economics

Kathryn Anne Thomas  
 Irene Louise Wallbaum

Cum Laude with Distinction in  
 Agricultural Education

Larae Ann Watkins

Cum Laude with Distinction in  
 History of Art

Althea Kathleen Zink

Cum Laude with Distinction in  
 Horticulture

Jeffrey Allen Erf  
 Clare Stewart Logan

Cum Laude with Distinction in  
 Human Nutrition and Food Management

Mary Elizabeth Foltz

Cum Laude with Distinction in  
 Parks and Recreation Administration

Lisa Ann Kutschbach

Cum Laude with Distinction in  
 Psychology

Elizabeth Marie Kerns

Cum Laude with Distinction in  
 Respiratory Technology

Colleen Mae Bridges

Cum Laude with Distinction in and with  
 Honors in English and Liberal Arts

Marianne Conroy

Cum Laude with Distinction in and with  
 Honors in Medical Humanities and Liberal  
 Arts

John Brett Offenberger

Cum Laude with Distinction in and with  
 Honors in Psychology and Liberal Arts

Lisa Ann Leahy Scherer  
 Sharon Shavitt

Cum Laude with Distinction in and with  
 Honors in Russian and Liberal Arts

Renee Marie Eileen Bumb

Cum Laude with Honors in Liberal Arts

Philip Fritz Cronheim  
 Michael Emerman  
 Joachim Gfoeller, Jr.  
 Amy Jo Lutz  
 Craig Thomas McClung  
 Timothy L. Metz  
 Lynn Ann Ochsendorf

Summa Cum Laude with Distinction in  
 Environment Education

Marian Eyerl Harmount

Summa Cum Laude with Distinction in  
 Wildlife Management

Mark Alan Shields

Summa Cum Laude with Distinction in and  
 with Honors in Economics and Liberal Arts

Mark Joseph Bils

**Summa Cum Laude with Honors in Liberal Arts**

Gregory Lawrence Eyink  
Majorie Armstrong Stassen

**Summa Cum Laude**

Roxana Stoik Al-Fayez  
Cynthia Annette Ammar  
Douglas Lee Aschenbach  
Elizabeth Louise Bacon  
Peggy Ann Baird  
Alice Ware Barber  
Karen Sue Basinger  
Larry Frank Bechtel  
Ralph Martin Behner  
Susan Marie Berry  
Carl Adrian Bixel  
Myfanwy Jori Borel  
Laura Jean Bridle  
Joseph Mark Briggs  
Elizabeth Jane Brobeck  
Joseph Orwin Bull  
Susan Lee Campbell  
Nancy Jean Castanien  
Karen Denise Chalmers  
Sue Ellen Christian  
Carolyn N. Cole  
Janet Ruth Coleman  
Judith Ann Collins  
Barbara Jean Cumiskey  
Stephen William Curran  
Christopher Edward Desch  
Rosemary Carol Dietrich  
Gail Beatrice Dorsey  
Elizabeth Alaïre Entwistle  
Brett Michael Esber  
Mark David Evans  
Marc K. Fagin  
Amy Sue Givens  
D. Roy Goldsberry  
Gregory Joseph Gripshover  
Jane Ella Harkness  
Michael Andrew Herman  
S. Craig Herman  
Deborah Lynne Highlander  
Jerry Wilhelm Hoffman  
Richard Skinner Hoskins  
Deborah Mae Hull  
Joan Louise Irwin  
Janet Johnson  
Warren Charles Johnson  
Michael Charles Kirner  
Karen Marie Kline  
Kay Ellen Kreachbaum  
David John Kuhnman  
Teresa Ann Loukx  
Ingrid Lieselotte Lukas  
Melissa Lee Mabon  
Donna Marie Marhevka  
Esther Sarah Merves  
Michael Emanuel Metroka  
Richard G. Montevideo  
Beverly J. Montrella  
Shannon Douglas Morris  
Cheryl Atkinson Nystrom  
John Francis Pecquet  
Barbara Joan Petroc  
Brett Albert Pigon  
Mary Ann Poulson  
Roxanne Marie Price  
Thomas Edward Redmond  
Sherry Rice  
Joan Leslie Rigali-Rankin  
Gregory Roy Schlender

Elaine Scurci  
Paul Gregory Sherry  
Douglas Lyn Shoemaker  
Julianne Marie Smith  
Kevin William Snyder  
Rhonda Marie Stallings  
Susan Elizabeth Stevenson  
Maurice William Stutzman  
Janet Kathleen Taft  
Joy Ellen Thomas  
Doris Bezilla Ticknor  
Mark David Tripp  
Michael Francis Urse  
Tina Marie Wheaton  
Richard Scott Williams  
Steven Ross Williams  
Peter Marshall Wilver  
Gwen Colleen Wisler  
Suna Elizabeth Woods  
Sharon Kay Wylie



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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND SIXTY-NINTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 11, 1981

The Board of Trustees met at its regular monthly meeting on Thursday, June 11, 1981, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Chester Devenow, Chairman, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens, Edmund C. Redman, and Leonard J. Immke.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

June 11, 1981 meeting, Board of Trustees

The Chairman, Mr. Devenow, called the meeting of the Board of Trustees to order at 12:00 noon. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering personnel-related matters.

Present: Chester Devenow, Chairman, Warren J. Smith, John D. Jacob, D. James Hilliker, John F. Havens, and Edmund C. Redman.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

### **STATEMENT RELATIVE TO SELECTION OF A PRESIDENT FOR THE OHIO STATE UNIVERSITY**

Mr. Devenow:

I would like to make the following statement. The Personnel and Educational Affairs Committee of the Board of Trustees met in Executive Session with all other members of the Board in attendance (with the exception of Mr. Galbreath who is out of the city and Mr. Berry who was unable to attend) and received the completed report from the Search Committee and its Chairman, Mr. John F. Havens, on the selection of a president for Ohio State University. In order that the full Board may have an opportunity to review the report and the recommendations of the committee, at the close of this meeting I will ask the Secretary of the Board of Trustees to arrange, at the earliest possible date, a time and a place for the Board to meet in Executive Session to consider this most important personnel matter. This meeting will mark the first time the full Board of Trustees has been convened for the express purpose of considering the Search Committee's report and recommendations. Pending a complete and full review of the report and recommendations, there will be no further public announcement concerning the presidential search. We trust that the sensitivity and the need for careful, thoughtful deliberation concerning this matter which is the highest priority for Ohio State University will be appreciated. With this announcement, the work of the Search Committee on the Selection of a President is complete. I would like to take this opportunity to thank each member of the committee for a truly splendid effort. I would especially like to note the contribution of Jack Havens, the Chairman of the Search Committee, who carried out his assignment in an outstanding way. His commitment and devotion to this task merit the highest accolade, and we are deeply grateful. That concludes my statement.

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June 11, 1981 meeting, Board of Trustees

## COMMITTEE APPOINTMENTS 1981-82

Resolution No. 81-122

WHEREAS the appointments to Committees and the representatives to the Research Foundation Board of Directors, the Development Fund Board of Directors, the Inter-University Council, and the University Hospitals Board for 1981-82 are as follows:

### Educational Affairs Committee

John D. Jacob, Chairman  
Daniel M. Galbreath, Vice Chairman

John F. Havens  
Chester Devenow, Ex Officio

### Fiscal Affairs Committee

D. James Hilliker, Chairman  
Edmund C. Redman, Vice Chairman

Leonard J. Immke  
Chester Devenow, Ex Officio

### OARDC Agenda Review Committee

Daniel M. Galbreath, Chairman  
John M. Stackhouse, Vice Chairman

John F. Havens  
Chester Devenow, Ex Officio

### Student Affairs Committee

Warren J Smith, Chairman  
Leonard J. Immke, Vice Chairman

John W. Berry  
Chester Devenow, Ex Officio

### Personnel Committee

Chester Devenow, Chairman  
Warren J Smith, Vice Chairman

John D. Jacob

### Development Fund Board

Leonard J. Immke

John W. Berry

### Inter-University Council

Warren J Smith

### Research Foundation Board

Edmund C. Redman (April 1983)

### University Hospitals Board

Daniel M. Galbreath  
D. James Hilliker

Edmund C. Redman

June 11, 1981 meeting, Board of Trustees

**COMMITTEE APPOINTMENTS 1981-82 (contd)**

NOW THEREFORE

BE IT RESOLVED, That the Committee appointments and the representatives to the Research Foundation Board of Directors, the Development Fund Board of Directors, the Inter-University Council, and the University Hospitals Board for 1981-82 be approved.

Upon motion of Dr. Jacob, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**HONORARY DEGREE**

Resolution No. 81-123

*Synopsis: Approval is requested for awarding an honorary degree.*

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-57 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of an honorary degree as listed below:

Harold L. Enarson

Doctor of Humane Letters

NOW THEREFORE

BE IT RESOLVED, That the above honorary degree be awarded in accordance with the recommendation at a time convenient to the University and the recipient.

Upon motion of Mr. Devenow, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**INTRODUCTION OF NEW TRUSTEE - JOHN W. BERRY**

Mr. Devenow:

We have a new trustee who has been appointed by the Governor, and I would like to congratulate John W. Berry; I spoke to him on the phone. Because of a prior long-standing commitment he wasn't able to make this meeting. He wanted to convey to the Board his regrets that he wasn't able to attend, and he is excited about his appointment as being a member of this Board. He is, I am sure, bringing a long business experience to this Board. He has been involved in education in many respects. He is Chairman of the Board and Chief Executive Officer of L. M. Berry and Company of Dayton and has been associated with the firm since 1940.

June 11, 1981 meeting, Board of Trustees

### INTRODUCTION OF NEW TRUSTEE - JOHN W. BERRY (contd)

Mr. Devenow: (contd)

In addition to his service now as an Ohio State trustee, he is a trustee of the University of Dayton and the Air Force Museum Foundation in Dayton. He is a member of the Board of Visitors to the University of Dayton Law School, the Presidents Club of Wright State University, the Advisory Council of Notre Dame University's College of Business Administration, the Resources Committee and Alumni Council of Dartmouth College, and the Board of Advisors of the Council for Financial Aid to Education. He is a 1944 graduate of Dartmouth College. Mr. and Mrs. Berry have five children. We are delighted to have him, and he will be at our next meeting, he assured me.

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### ACKNOWLEDGMENT OF HONORARY DEGREE BY PRESIDENT ENARSON

President Enarson:

Mr. Chairman and Members of the Board, I apologize in advance. I am in my fourth week of laryngitis and almost through the speech circuit. Perhaps with unusual brevity, I will conclude this meeting today. I am very sincere when I say that I am extremely gratified with the award of the Doctor of Humane Letters, and it comes to a man whose letters are generally not noted for their civility, let alone for their humanity. I particularly appreciate it. Some of the staff are laughing because they have been the recipients of these notes.

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### RESOLUTION IN MEMORIAM

Resolution No. 81-124

*Synopsis: A resolution honoring the service of one of this University's faculty members who has recently died is being proposed.*

RESOLVED, That the Board adopt the following Resolution in Memoriam and that the President be requested to convey a copy to the family of the deceased.

Upon motion of Dr. Jacob, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Nobuhisa Baba

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 5, 1981, of Nobuhisa Baba, Professor of Pathology.

June 11, 1981 meeting, Board of Trustees

## RESOLUTION IN MEMORIAM (contd)

Nobuhisa Baba (contd)

Doctor Baba was born in Tokyo, Japan, in 1932 and lived in that beautiful country during his formative years. He received the M.D. degree from the Faculty of Medicine of the University of Tokyo in 1957, and interned at the University Hospital in that city in 1957-58. As a young postdoctoral student, Nobu came to Ohio State to study experimental carcinogenesis under Doctor Emmerich von Haam. He not only trained as a resident physician in pathology, but also, because of his great love of research, chose to combine this program with a full graduate program in experimental pathology. He finished his residency training in 1963, having earned the M.S. degree in 1961, and was awarded a Ph.D. in experimental pathology in 1965. He became board certified in anatomic and clinical pathology in 1966, and not content with these accomplishments, passed the board examination in forensic pathology in 1967. Even at this early stage in his career his interests were legion.

In 1966 he was promoted to Assistant Professor in Pathology, to Associate Professor in 1970, and became a full Professor in 1974. He was appointed Director of the Division of Pathologic Anatomy in July 1967, a position he held until just prior to his death this year. Quite simply stated, Nobu's whole professional and personal life revolved around the College of Medicine and The Ohio State University which he served with enormous loyalty and distinction. No task was too menial, no committee appointment too trivial, no request for help so onerous that he would not respond with all his energy. His devotion to the College and to this University was unswerving to the end and he gave full measure to ensure its success and growth.

Dr. Baba was an academic pathologist in the finest sense of the term and one of the few persons who was truly a triple threat faculty member. He authored or co-authored more than 60 papers and was a nationally recognized expert in the field of cardiovascular pathology and sudden death. This later work often overshadowed the fact that Doctor Baba published some of the seminal papers on experimental carcinogenesis with Doctor von Haam early in his career. Nobu, despite a continuing tussle with the English syntax, was a great teacher. Proof of this, if needed, was his induction as an honorary member of Alpha Omega Alpha in 1978, a recognition by the medical students and faculty of his concern for their education. His contributions to graduate education were equally impressive. He was constantly surrounded by 4-6 graduate students, and always found time to counsel and stimulate them. His unselfish dedication to these students is demonstrated by the fact that he continued to direct their activities from his hospital room until two weeks prior to his death.

The house staff in pathology were also beneficiaries of the wealth of knowledge he possessed in general pathology—he truly knew “nearly everything about everything” in our discipline. He was a constant source of information, not only to our house staff and faculty but to his clinical colleagues as well.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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June 11, 1981 meeting, Board of Trustees

### DISTINGUISHED SERVICE AWARDS

Resolution No. 81-125

*Synopsis: Recommendation for seven individuals to receive Distinguished Service Awards is proposed.*

WHEREAS the President's Staff, serving as a Committee on Distinguished Service Awards, has nominated and recommended seven individuals for approval by the Board of Trustees to receive the Distinguished Service Award at a time convenient to the University and the recipients:

Francis Aumann  
Jack O. Evans  
John A. Prior  
Walter Cade Reckless  
Robert C. Ringer  
Clarence E. Taft  
J. Edward Weaver

and

WHEREAS these awards are given in recognition of distinguished service to The Ohio State University and the awards are in accordance with action taken by the Board of Trustees in 1952:

NOW THEREFORE

BE IT RESOLVED, That the Distinguished Service Awards be approved for awarding as designated above.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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### HONORARY DEGREE

Resolution No. 81-126

*Synopsis: Approval is requested for awarding an honorary degree.*

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-57 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of an honorary degree as listed below:

Alistair Cooke

Doctor of Humane Letters

June 11, 1981 meeting, Board of Trustees

**HONORARY DEGREE (contd)**

NOW THEREFORE

BE IT RESOLVED, That the above honorary degree be awarded in accordance with the recommendation at a time convenient to the University and the recipient.

Upon motion of Mr. Immke, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**BUDGET SUMMARY (THIRD QUARTER 1980-81)**

Resolution No. 81-127

*Synopsis: The third quarter budget summary, 1980-81, is presented for review and acceptance.*

This budget summary for the third quarter 1980-81 contains revised estimates of resource and expenditure/commitment projections as actual data have become available. Included are the effects on Columbus Campus unrestricted funds of actual Winter and Spring Quarter enrollments, release of additional state line item funding, and additional increases in anticipated temporary investment income. Revisions to restricted funds net to a \$127,000 decrease from the second quarter report representing redistributions of grant and contract activity. Revisions to earnings operations income and expense reflect adjustments based on activity to date.

WHEREAS the third quarter report of the 1980-81 current funds budget covering the period January through March, 1981 is presented for review by the Board of Trustees and its income and expense estimates deviate by less than 1 per cent from the 1980-81 budget approved by the Board in February, 1981; and

WHEREAS the projected expenditures and commitments of the third quarter report for 1980-81 are supported by adequate income:

NOW THEREFORE

BE IT RESOLVED, That the accompanying third quarter budget report be accepted.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

June 11, 1981 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
1980-81 CURRENT FUNDS BUDGET  
BUDGETED EXPENDITURES FOR 1980-81  
(IN THOUSANDS)

	Revised Budget February 6, 1981	Proposed Revised Budget
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$173,542	\$173,937
Libraries	10,808	10,862
Other Academic Support	3,748	3,681
Sponsored Programs Administration	6,297	6,423
Student Services	9,879	10,150
Plant Operation	28,409	28,674
Institutional Support	19,658	19,654
Total Instruction and General	\$252,341	\$253,381
Sponsored Research		
Federally Sponsored Programs	\$ 37,005	\$ 37,618
Other Externally Sponsored Programs	10,364	9,988
Internally Sponsored Programs	505	534
Total Sponsored Research	\$ 47,874	\$ 48,140
Public Service		
University Hospitals	\$ 99,661	\$ 99,823
Cooperative Extension Service	22,122	22,206
Externally Sponsored Programs	15,990	15,473
Internally Sponsored Programs	5,370	5,309
Total Public Service	\$143,143	\$142,811
Student Aid	\$ 7,341	\$ 7,636

June 11, 1981 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
1980-81 CURRENT FUNDS BUDGET  
BUDGETED EXPENDITURES FOR 1980-81  
(IN THOUSANDS) (contd)

	Revised Budget February 6, 1981	Proposed Revised Budget
Columbus Campus (contd)		
Auxiliaries		
Student Housing	\$ 24,764	\$ 24,261
Intercollegiate Athletics	10,451	10,625
University Bookstores	6,519	6,927
Student Health Service	2,901	2,781
Student Unions	2,885	2,939
Parking Facilities	3,247	2,823
University Airport	2,917	3,219
Fawcett Center for Tomorrow	1,767	1,714
Other	751	867
Total Auxiliaries	\$ 56,202	\$ 56,156
TOTAL COLUMBUS CAMPUS	\$506,901	\$508,124
Regional Campuses		
Administration	\$ 198	\$ 198
Lima Campus	2,684	2,679
Mansfield Campus	2,684	2,654
Marion Campus	1,571	1,575
Newark Campus	2,272	2,259
Agricultural Technical Institute	2,896	2,926
Wright-Patterson Graduate Center	100	98
TOTAL REGIONAL CAMPUSES	\$ 12,405	\$ 12,389
TOTAL ALL CAMPUSES	\$519,306	\$520,513
Construction and Renovation Projects	-0-	\$ 2,086
Endowment Income to Principal	-0-	\$ 350
GRAND TOTAL	\$519,306	\$522,949

June 11, 1981 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
1980-81 CURRENT FUNDS BUDGET  
SOURCES OF INCOME TO SUPPORT 1980-81 BUDGET  
(IN THOUSANDS)

	Revised Estimate February 6, 1981	Proposed Revised Estimate
<b>Columbus Campus</b>		
Government Appropriations		
State of Ohio	\$163,039	\$164,388
Federal	68,683	68,925
Other	8,306	8,296
Subtotal	\$240,028	\$241,609
Student Fees		
Instruction and General	\$ 71,241	\$ 72,534
Room and Board	20,050	20,137
Other	3,680	3,654
Subtotal	\$ 94,971	\$ 96,325
Other Income		
Auxiliary Sales and Charges	\$122,551	\$122,991
Department and University Services	15,124	14,568
Endowment Income	4,782	4,676
Gifts and Grants	20,393	20,036
Temporary Investments	9,000	10,500
Subtotal	\$171,850	\$172,771
TOTAL COLUMBUS CAMPUS	\$506,849	\$510,705
<b>Regional Campuses</b>		
Lima Campus	\$ 3,029	\$ 3,029
Mansfield Campus	3,047	3,017
Marion Campus	1,801	1,814
Newark Campus	2,687	2,670
Agricultural Technical Institute	3,209	3,239
Wright-Patterson Graduate Center	100	98
TOTAL REGIONAL CAMPUSES	\$ 13,873	\$ 13,867
GRAND TOTAL	\$520,722	\$524,572

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June 11, 1981 meeting, Board of Trustees

**EXPENDITURE AUTHORIZATION 1981-82**

Resolution No. 81-128

*Synopsis: Authorization to make expenditures in 1981-82 is requested.*

WHEREAS levels of State financial support for 1981-82 have not yet been established; and

WHEREAS it is prudent to defer decisions concerning salary levels, fee levels, and other expenditures until the General Assembly has adopted an appropriations bill determining State support; and

WHEREAS it is necessary to continue making various expenditures, including payment of faculty and staff, prior to the time that a Current Funds Budget for 1981-82 is adopted:

NOW THEREFORE

BE IT RESOLVED, That the University be authorized to make expenditures consistent with those levels contained in the Third Quarter Report of Fiscal Year 1980-81 until the Current Funds Budget for 1981-82 is adopted; and

BE IT FURTHER RESOLVED, That within one week following passage of a State appropriations bill, the President will present the Administration's recommendations for a Current Funds Budget for 1981-82 to the Board of Trustees.

Upon motion of Mr. Hilliker, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**APPOINTMENT OF TRUSTEES FOR POOLED  
INCOME TRUST FUNDS I, II, AND III**

Resolution No. 81-129

*Synopsis: Appointment and reconfirmation of Trustees for Pooled Income Funds I, II, and III are recommended.*

WHEREAS the Board of Trustees by actions of December 4, 1970, September 10, 1976, and September 7, 1979, established Pooled Income Funds I, II, and III as convenient means for University benefactors to contribute financial support to the University and at the same time retain income during their lifetime; and

WHEREAS since that time the Board has appointed individuals to serve as Trustees for Pooled Income Funds I, II, and III; and

June 11, 1981 meeting, Board of Trustees

**APPOINTMENT OF TRUSTEES FOR POOLED  
INCOME TRUST FUNDS I, II, AND III (contd)**

WHEREAS since the establishment of these Funds, it has been and is the intent of the Board that the Treasurer of The Ohio State University automatically serve as one of the Trustees of each of these Funds:

NOW THEREFORE

BE IT RESOLVED, That the Treasurer of The Ohio State University or, in his or her absence, the Acting Treasurer, for so long as he or she holds such position, be and hereby is appointed as a Trustee of Pooled Income Funds I, II, and III and any other Pooled Income Funds that may subsequently be established; and

BE IT FURTHER RESOLVED, That James R. McCoy be and hereby is reconfirmed as a Trustee of the Pooled Income Trust Funds I, II, and III; and

BE IT FURTHER RESOLVED, That Thomas J. Kolda be and hereby is appointed as a Trustee of Pooled Income Trust Funds I, II, and III, to replace Charles R. Traphagan who has resigned as a Trustee.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**APPOINTMENT OF TRUSTEE TO THE OHIO LEGAL CENTER**

Resolution No. 81-130

*Synopsis: A recommendation for appointment of trustee to The Ohio Legal Center is proposed.*

WHEREAS in compliance with the Code of Corporate Regulations of The Ohio Legal Center, the Board of Trustees of The Ohio State University approves appointment of trustees from the faculty membership of the College of Law; and

WHEREAS Assistant Dean Robert Carter has resigned his position in the College of Law which has created a vacancy in the faculty trustee membership of The Ohio Legal Center:

NOW THEREFORE

BE IT RESOLVED, That Associate Dean John P. Henderson be appointed trustee of The Ohio Legal Center, effective July 1, 1981.

Upon motion of Dr. Jacob, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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June 11, 1981 meeting, Board of Trustees

**NOVICE G. FAWCETT CHAIR IN EDUCATIONAL ADMINISTRATION**

Resolution No. 81-131

*Synopsis: Authorization to complete the funding of the Novice G. Fawcett Chair in Educational Administration is requested.*

WHEREAS by resolution dated October 12, 1966, on the occasion of his tenth anniversary as President of The Ohio State University, the Board of Trustees gave special recognition to Novice G. Fawcett by establishing the Novice G. Fawcett Professorship in Educational Administration; and

WHEREAS at its meeting on September 8, 1972, the Board redesignated the Novice G. Fawcett Professorship in Educational Administration as an endowed chair in educational administration; and

WHEREAS gifts and pledges continue to be received for the purpose of providing funds to fully endow this chair; and

WHEREAS it is the wish of this Board to insure at this time that the chair is funded at the requisite level as a University tribute to President Emeritus Novice G. Fawcett:

NOW THEREFORE, BE IT RESOLVED, That the unfunded balance which is needed to fully endow the Novice G. Fawcett Chair in Educational Administration shall be provided from interest which has accrued to the University in its unrestricted endowment fund; and

BE IT FURTHER RESOLVED, That the Vice President for Finance and Planning is hereby authorized and directed to take appropriate action to transfer from the unrestricted endowment accounts to the permanent endowment fund such accrued interest in a sum sufficient to insure the full funding of the Novice G. Fawcett Chair in Educational Administration.

Upon motion of Dr. Jacob, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**PERSONNEL ACTIONS**

Resolution No. 81-132

*Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, Appointment and/or Reappointment of Chairmen of Departments and Divisions and Directors of Schools, Medical Staff Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, Promotions/Tenure, and Emeritus Titles are recommended for approval.*



June 11, 1981 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the May 1, 1981 meeting of the Board, including the following Appointments, Appointment and/or Reappointment of Chairmen of Departments and Divisions and Directors of Schools, Medical Staff Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, Promotions/Tenure, and Emeritus Titles as detailed in the University Budget, be approved.

#### Appointments

Name:	MANUEL TZAGOURNIS
Title:	Dean
College:	Medicine
Salary:	\$60,000.00 (12-month)
Effective:	July 1, 1981
Present Position:	Acting Dean, College of Medicine, The Ohio State University

Upon motion of Mr. Havens, seconded by Mr. Immke, the Board of Trustees approved the appointment of Dr. Manuel Tzagournis by unanimous roll call vote.

Name:	RONALD L. ST. PIERRE
Title:	Associate Vice President
Academic Unit:	Health Sciences Administration
Salary:	\$47,280.00 (12-month)
Effective:	July 1, 1981
Present Position:	Professor and Chairman, Department of Anatomy, The Ohio State University

Upon motion of Mr. Hilliker, seconded by Mr. Redman, the Board of Trustees approved the appointment of Dr. Ronald L. St. Pierre by unanimous roll call vote.

Name:	EARL FINBAR MURPHY
Title:	Professor (The C. William O'Neill Professorship in Law and Judicial Administration)
College:	Law
Salary:	\$59,040.00 (9-month)
Effective:	October 1, 1981
Present Position:	Professor, College of Law, The Ohio State University

Name:	LEO A. PAQUETTE
Title:	Professor (Charles H. Kimberly Professorship in Chemistry)
Department:	Chemistry
Salary:	\$55,320.00 (9-month)
Effective:	October 1, 1981
Present Position:	Professor, Department of Chemistry, The Ohio State University

June 11, 1981 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Appointments (contd)

Name: CARROLL EDWARD MOBLEY  
Title: Associate Professor (Duriron Professorship in Metallurgical Engineering)  
Department: Metallurgical Engineering  
Salary: \$30,480.00 (9-month)  
Effective: May 1, 1981  
Present Position: Associate Professor, Department of Metallurgical Engineering, The Ohio State University

Name: DORIS I. CHARLES  
Titles: Director of Health Service in the University Health Service and Team Physician in the Department of Athletics  
Salary: \$54,000.00 (12-month)  
Effective: August 15, 1981  
Present Position: Associate Vice Provost of Student Affairs and Director of Student Health Service and Employee Health Clinic, University of Cincinnati

Name: BARBARA M. REAL  
Title: Assistant Vice President  
Office: Student Services  
Salary: \$33,000.00 (12-month)  
Effective: August 13, 1981  
Present Position: Associate Dean of Student Affairs, Case Western Reserve University, Cleveland, Ohio

#### Appointment and/or Reappointment of Chairmen of Departments and Divisions and Directors of Schools

July 1, 1981 through June 30, 1985

Architecture	Charles H. Brewer, Jr.
Chemical Engineering	Jacques L. Zakin
Civil Engineering	Otis J. Sproul
Electrical Engineering	Hsien C. Ko
Health, Physical Education and Recreation	Charles Mand
Landscape Architecture	Jot D. Carpenter
Mechanical Engineering	James E. A. John
Psychiatry	Ian W. Gregory
Veterinary Anatomy	Wesley D. Anderson
Veterinary Physiology and Pharmacology	Thomas E. Powers

July 1, 1981 through June 30, 1984

Pharmacology	Allan M. Burkman
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June 11, 1981 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

Appointment and/or Reappointment of Chairmen of  
Departments and Divisions and Directors of Schools (contd)

July 1, 1981 through June 30, 1982

*Chemistry	Andrew A. Wojcicki
Clinical Pharmacy and Professional Practice	Donald C. McLeod
Dance	Helen P. Alkire
Nursing	Edna L. Fritz
Radiology	Atis K. Freimanis

October 1, 1981 through September 30, 1985

History	Marvin R. Zahniser
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\*Acting Chairman

#### Medical Staff Appointments

Name	Appointment	Clinical Division
Effective April 8, 1981		
Robert Osher, M.D.	Courtesy Staff in	
	Ophthalmology	Ophthalmology
Greg Lee Offenburger, D.D.S.	Attending Staff in	
	Oral Surgery	Dentistry
Robert G. Zimmerman, M.D.	Courtesy Staff	Anesthesiology
Hudnall J. Lewis, M.D.	Courtesy Staff	Anesthesiology
James R. Niederlehner, M.D.	Limited Staff (Fellow)	Anesthesiology

Effective May 1, 1981

Robert E. Smith, M.D.	Attending Staff	Family Medicine
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#### Leaves of Absence Without Salary

ALLAN K. WILDMAN, Professor, Department of History, effective April 1, 1982 through June 30, 1982, to accept a Kennan Fellowship from the Kennan Institute for Advanced Studies at the Woodrow Wilson International Center for Scholars.

ROBERT S. YOUNG, Clinical Associate Professor, Department of Family Medicine, effective May 1, 1981 through October 31, 1981, for personal reasons.

ANDRES DEL JUNCO, Assistant Professor, Department of Mathematics, effective October 1, 1981 through December 31, 1981, to accept a visiting research position at the Technische Hogeschool Delft in the Netherlands.

June 11, 1981 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Leaves of Absence Without Salary (contd)

CHARLETTE GALLAGHER-ALLRED, Assistant Professor, School of Allied Medical Professions, effective July 16, 1981 through September 7, 1981, for personal reasons.

EDWARD W. GOLD, Assistant Professor, Department of Surgery, effective July 1, 1981 through June 30, 1982, to pursue post-graduate training.

MARGARET LONG, Assistant Professor, Department of English, effective October 1, 1981 through September 30, 1982, for personal reasons.

JOSEPH ROSENBLATT, Assistant Professor, Department of Mathematics, effective October 1, 1981 through September 30, 1982, to accept a Visiting Professorship at the University of Missouri.

ROBERT L. HORTON, Instructor, Cooperative Extension Service, effective September 16, 1981 through August 31, 1982, to pursue graduate studies at The Ohio State University.

#### Professional Improvement Leaves

RAYMOND W. LANG, Professor, Department of Medical Microbiology and Immunology, change from Spring Quarter 1981, Summer Quarter 1981, Autumn Quarter 1981, and Winter Quarter 1982, to June 1, 1981 through April 30, 1982.

CHARLES MASSEY, JR., Associate Professor, Department of Art, effective Autumn Quarter 1981, Winter Quarter 1982, and Spring Quarter 1982.

#### Emeritus Titles

HENRY D. COLSON, Department of Mathematics, with the title Professor Emeritus, effective July 1, 1981.

DALE T. FRIDAY, Department of Agronomy, with the title Professor Emeritus, effective July 1, 1981.

MAURICE L. GILTZ, Department of Zoology, with the title Professor Emeritus, effective July 1, 1981.

FRED B. HAPKE, Department of Obstetrics and Gynecology, with the title Professor Emeritus, effective July 1, 1981.

CHARLES MORLEY, Department of History, with the title Professor Emeritus, effective July 1, 1981.

June 11, 1981 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Emeritus Titles (contd)

ROBERT J. NORDSTROM, College of Law, with the title Professor Emeritus, effective June 1, 1981.

RALPH A. PORTERFIELD, Department of Dairy Science, with the title Professor Emeritus, effective July 1, 1981.

ROY F. REEVES, Department of Mathematics, with the title Professor Emeritus, effective September 1, 1981.

AUSTIN E. RITCHIE, Department of Agricultural Education, with the title Professor Emeritus, effective July 1, 1981.

EDWIN W. ROBBINS, Department of English, with the title Professor Emeritus, effective July 1, 1981.

MERVIN G. SMITH, Department of Agricultural Economics and Rural Sociology, with the title Professor Emeritus, effective July 1, 1981.

JOHN A. WALKER, Department of Theatre, with the title Professor Emeritus, effective July 1, 1981.

CLAUDE EARL WARREN, Department of Electrical Engineering, with the title Professor Emeritus, effective July 1, 1981.

ROBERT L. WILLS, College of Law, with the title Professor Emeritus, effective July 1, 1981.

HENRY E. WILSON, Department of Medicine, with the title Professor Emeritus, effective July 1, 1981.

ANN J. BUCKERIDGE, School of Nursing, with the title Associate Professor Emeritus, effective July 1, 1981.

GEORGE H. LOHRMAN, Department of Psychiatry, with the title Associate Professor Emeritus, effective July 1, 1981.

ROBERT A. TITUS, School of Music, with the title Associate Professor Emeritus, effective July 1, 1981.

R. FRANK DONLEY, Department of Obstetrics and Gynecology, with the title Instructor Emeritus, effective July 1, 1981.

Upon motion of Mr. Redman, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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June 11, 1981 meeting, Board of Trustees

President Enarson:

The next item--perhaps the Chairman would wish to move or have some member of the Board present it.

Dr. Jacob presented the following resolution:

**APPOINTMENT - DR. WILLIAM R. WALLACE  
DEAN OF THE COLLEGE OF DENTISTRY**

Resolution No. 81-133

WHEREAS the College of Dentistry Dean Search Committee reported two candidates as acceptable to them, namely, Dr. Valdemars Jekkals and Dr. William R. Wallace; and

WHEREAS, the President, after interviewing both candidates, recommended the appointment of Dr. Jekkals as the Administration's choice; and

WHEREAS after full consideration in Executive Session of the merits of both candidates, it is the judgment of the Board that Dr. Wallace having served ably in the role of Acting Dean and being found acceptable to the Search Committee should be appointed to fill the vacancy:

NOW THEREFORE

BE IT RESOLVED, That Dr. William R. Wallace be and he hereby is appointed Dean of the College of Dentistry.

Upon motion of Dr. Jacob, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

Mr. Devenow:

I would like to make a comment before we leave that. We appreciate the energies expended in the search effort by the Committee and by the Administration. Personnel decisions are sometimes extremely difficult. Men and women of sound judgment can have honest disagreements. In this case the Administration made its recommendation and the Board considered it very carefully. However, we feel that on balance the best choice is the man who has served long and well in the College of Dentistry with part of that service as Acting Dean.

--O--

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS**

Resolution No. 81-134

*Synopsis: The reports on contracts, grants, and gifts and the summary for April are presented for Board acceptance.*

June 11, 1981 meeting, Board of Trustees

### REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

#### NOW THEREFORE

BE IT RESOLVED, That the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund during the month of April 1981, be approved.

Upon motion of Mr. Immke, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

#### SUMMARY FOR APRIL 1981

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	75	\$4,652,431.53
Engineering Experiment Station	26	59,681.00
		\$4,712,112.53
The Ohio State University Development Fund		
Establishment of Named Funds		
Department of Pathology Educational and Research Discretionary Fund (Fellowships for pathology resident physicians)		\$ 159,259.00
The Kimberly L. Garland Memorial Scholarship Fund (Undergraduate student scholarships)		\$ 30,559.81
The Joseph B. Collinson Scholarship Fund (Undergraduate accounting scholarships)		\$ 26,420.22

June 11, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**SUMMARY FOR APRIL 1981 (contd)**

**Establishment of Named Funds (contd)**

The Bishop Family Scholarship Fund (College of Agriculture)	\$ 6,015.00
The James and Stella Lee Scholarship Fund for National Merit Students (Scholarships for Marion Harding High School National Merit Scholars)	\$ 5,000.00
Elizabeth Shaw Long Scholarship Fund (School of Natural Resources, Division of Forestry)	\$ 5,000.00
The P. Philip Sabatino Memorial Fund (Health Sciences - education, research and patient care programs)	\$ 5,000.00
The Walter F. Gnezda Memorial Scholarship Fund (Undergraduate scholarships)	\$ 4,875.00

**Change in Description of Named Fund**

The Jack M. George Fund  
(Designation of use changed  
from Department of Medicine,  
to Division of Endocrinology,  
Department of Medicine)

**Report from Presidents Club**

Members to date	4,465
1981 members: year to date	47
New members - April 1981	9

**New Presidents Club Members - April 1981**

David W. Anderson	Elizabeth C. Fontana (Mrs. Mars G.)
Garry J. Buehl	Dr. Bibb Latane
Thomas C. Carroll	E. Edwin Ramm
Gerald L. Crews	Julie A. Wiley
Gene P. Dragonette	



June 11, 1981 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

#### Federal Research Contracts/Grants

\$950,000.00 - Department of Energy, Washington, D. C., Research and Technical Assistance in Public Utility Regulation Primarily for State Commissions, National Regulatory Research Institute (D. N. Jones), 15 November 1980 through 14 October 1982. (Project 761932 - Continuation)

\$418,166.00 - Department of Education, Office of Education, Grant and Procurement Management Division, Washington, D. C., Regional Resource Center for Agencies Providing Educational Services for Handicapped Children in Ohio, Indiana, and Illinois, Academic Faculty for Exceptional Children (T. M. Stephens), 1 June 1981 through 31 May 1982. (Project 762383 - Continuation)

\$192,059.00 - Environmental Protection Agency, Washington, D. C., Evaluation of a Short Term *in Vivo* System for Risk Assessment of Environmental Chemicals, Department of Pharmacology (D. Couri), 1 April 1981 through 31 March 1982. (Project 762125 - Continuation)

\$146,590.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Leukemia - Lymphoma Program, Department of Medicine (S. P. Balcerzak) and College of Pharmacy (L. Malspeis), 1 March 1981 through 28 February 1982. (Project 763982 - Continuation)

\$144,460.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Unsaturated Polyolefins and Hydrocarbon Carcinogenesis, Department of Chemistry (L. A. Paquette), 1 June 1981 through 31 May 1982. (Project 763284 - Continuation)

\$127,998.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, General Research Support Branch, Bethesda, Maryland, Biomedical Research Support Grant, College of Medicine - Administration (M. Tzagournis), 1 April 1981 through 31 March 1982. (Project 761078 - Continuation)

\$120,000.00 - Environmental Protection Agency, Washington, D. C., Kinetic Study of Simulated Atmospheres Containing Common Sulfur, Nitrogen, and Carbon Pollutants, Department of Chemistry (J. G. Calvert and D. W. Meek) and Department of Physics (J. H. Shaw), 1 April 1981 through 31 March 1982. (Project 761545 - Continuation)

\$112,166.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Intrarenal Pressure and Renal Function, Department of Medicine (L. A. Hebert), 1 April 1981 through 31 March 1982. (Project 761786 - Continuation)

June 11, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$108,559.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, General Research Support Branch, Bethesda, Maryland, Biomedical Research Support Grant, Graduate School - Administration (J. B. LaPidus), 1 April 1981 through 31 March 1982. (Project 764748 - Continuation)

\$104,454.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Biologically Important Carbohydrates, Department of Chemistry (D. Horton), 1 April 1981 through 31 March 1982. (Project 760025 - Continuation)

\$94,000.00 - National Science Foundation, Washington, D. C., A Program of Research Using Low and Medium Energy Nuclear Physics Facilities, Department of Physics (R. N. Boyd), 1 May 1981 through 30 April 1982. (Project 761656 - Continuation)

\$85,600.00 - Department of Energy, Chicago Operations and Regional Office, Argonne, Illinois, Fundamental Studies of High-Temperature Corrosion Reactions, Department of Metallurgical Engineering (R. A. Rapp), 1 May 1981 through 30 April 1982. (Project 761619 - Continuation)

\$85,000.00 - International Development Cooperation Agency, Agency for International Development, Washington, D. C., Matching Formula Title XII University Strengthening Grant, College of Agriculture and Home Economics, International Programs in Agriculture (M. G. Smith), 1 September 1981 through 31 August 1982. (Project 761863 - Continuation)

\$75,000.00 - National Science Foundation, Washington, D. C., American Lakes: Comparative and Paleolimnological Analyses to Test Hypotheses, Department of Zoology (P. A. Colinvaux), 1 June 1981 through 31 May 1982. (Project 762634 - New)

\$74,606.00 - National Science Foundation, Washington, D. C., Effects of Denervation of Adult Newt Blastema Cell Cycle Parameters, Department of Zoology, (R. A. Tassava), 1 May 1981 through 30 April 1983. (Project 762656 - Continuation)

\$74,000.00 - National Science Foundation, Washington, D. C., Dynamics, Synthesis and Structure of Carbanionic Substances, Department of Chemistry (J. S. Swenton), 1 July 1981 through 30 June 1982. (Project 762189 - Continuation)

June 11, 1981 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **Federal Research Contracts/Grants (contd)**

\$70,244.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Epstein-Barr Virus DNA in Transfected Cells, Department of Medical Microbiology and Immunology (M. R. Glaser and D. S. Parris), 1 April 1981 through 31 March 1982. (Project 762623 - New)

\$68,200.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis Studies in Anthracycline Chemistry, Department of Chemistry (J. S. Swenton), 1 April 1981 through 31 March 1982. (Project 761021 - Continuation)

\$60,000.00 - Department of Education, National Institute of Education, Washington, D. C., A Longitudinal Study of the Development of Coherence and Story Structure in Children's Oral and Written Discourse, Academic Faculty of Early and Middle Childhood Education (M. L. King) and Academic Faculty of Humanities Education (V. M. Rentel), 1 April 1981 through 31 March 1982. (Project 762629 - New)

\$60,000.00 - Department of Education, Office of Special Education, Office of Procurement and Assistance Management, Washington, D. C., Regular Education Pre-Service Deans' Grant, Academic Faculty for Exceptional Children (P. A. Looney), 1 June 1981 through 31 May 1982. (Project 762170 - Continuation)

\$59,387.00 - National Science Foundation, Washington, D. C., Knowledge Organization and Problem Solving for Diagnostic Tasks, Department of Computer and Information Science (B. Chandrasekaran), 1 May 1981 through 30 April 1982. (Project 762640 - New)

\$58,117.00 - Department of Education, National Institute of Education, Washington, D. C., Calculator Information Center, Academic Faculty of Science and Mathematics Education (M. N. Suydam), 18 March 1981 through 17 March 1982. (Project 762053 - Continuation)

\$56,496.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Use of Computer-Aided Testing in the Investigation of Pilot Response to Critical In-Flight Events, Department of Industrial and Systems Engineering (T. H. Rockwell and W. C. Giffin), 1 April 1981 through 30 September 1981. (Project 762647 - New)

\$55,000.00 - Department of Energy, Chicago Operations and Regional Office, Argonne, Illinois, Hydrogen Attack of Steel, Department of Metallurgical Engineering (P. G. Shewmon), 1 April 1981 through 31 March 1982. (Project 764386 - Continuation)

June 11, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$54,326.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Vibration Analysis of Turbine Engine Blades, Department of Engineering Mechanics (A. W. Leissa), 1 May 1981 through 30 April 1982. (Project 762029 - Continuation)

\$53,925.00 - Environmental Protection Agency, Washington, D. C., Detection, Avoidance, and Potential Sensors for Scale Formation in Steelplant Recycle/Reuse Water Systems, Department of Metallurgical Engineering (G. R. St. Pierre), 11 May 1981 through 10 May 1982. (Project 762655 - Continuation)

\$51,098.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, General Research Support Branch, Bethesda, Maryland, Biomedical Research Support Grant, College of Pharmacy (A. H. Soloway), 1 April 1981 through 31 March 1982. (Project 760661 - Continuation)

\$48,000.00 - National Science Foundation, Washington, D. C., Research Initiation: Finite Elements Analysis of Bi-Material Fracture Mechanics, Department of Engineering Mechanics (G. H. Staab), 15 April 1981 through 30 April 1982. (Project 762645 - New)

\$47,063.00 - National Science Foundation, Washington, D. C., Research Initiation: Stable Crack Growth in Ductile Steels, Department of Engineering Mechanics (R. H. Dean), 15 April 1981 through 30 April 1983. (Project 762644 - New)

\$46,171.00 - Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, Analyzing Program Methodologies Using Software Science, Department of Computer and Information Science (S. H. Zweben), 1 August 1981 through 31 July 1982. (Project 762340 - Continuation)

\$31,740.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, General Research Support Branch, Bethesda, Maryland, Biomedical Research Support Grant, College of Veterinary Medicine (R. A. Wright), 1 April 1981 through 31 March 1982. (Project 762776 - Continuation)

\$29,924.00 - National Science Foundation, Washington, D. C., Pre-College Teacher Development in Science, Department of Physics (W. R. Riley), 6 April 1981 through 30 September 1982. (Project 762648 - Continuation)

\$29,500.00 - National Science Foundation, Washington, D. C., Steric Effects in Polycyclic Aromatic Hydrocarbons, Department of Chemistry (M. S. Newman and D. W. Meek), 1 May 1981 through 30 April 1982. (Project 761602 - Continuation)

June 11, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$28,500.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Conduct Exploratory Development on Millimeter Wave (MMW) Systems Using the Targeting Systems Characterization Facility (TSCF), Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis), 1 April 1981 through 31 March 1982. (Project 762615 - New)

\$27,203.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Effects of Processing and Storage on Human Milk, Department of Food Science and Nutrition (P. M. T. Hansen), 1 April 1981 through 31 March 1982. (Project 761475 - Continuation)

\$25,204.00 - Department of Energy, Chicago Operations and Regional Office, Argonne, Illinois, Support of Seminars on Energy and National Security, Graduate School - Administration, Program for Energy Research, Education, and Public Service (R. E. Bailey), 5 May 1981 through 6 May 1982. (Project 762146 - Continuation)

\$24,997.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Techniques for Optical Power Limiting, Department of Electrical Engineering, ElectroScience Laboratory (C. H. Walter), 31 March 1981 through 31 August 1981. (Project 760547 - Continuation)

\$24,471.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Non-Contact Crash Data Acquisition Interface, Department of Electrical Engineering (H. Hemami), 1 March 1981 through 1 March 1982. (Project 762618 - New)

\$23,488.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Digital Signal Processing for Analysis of Simulated Crash Data, Department of Electrical Engineering (H. Hemami), 1 April 1981 through 31 December 1981. (Project 762619 - New)

\$22,147.00 - National Science Foundation, Washington, D. C., Orthogonal Polynomials, Department of Mathematics (P. Nevai), 1 July 1981 through 30 June 1983. (Project 762635 - Continuation)

\$20,172.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, A Study of Tactual Sensing and Transmittal of Information, Department of Psychology (R. J. Jagacinski) and Department of Aviation (R. D. Gilson), 1 July 1981 through 31 March 1982. (Project 760476 - Continuation)

June 11, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$18,664.00 - National Science Foundation, Washington, D. C., Elliptic Operators and Series Representations of Lie Groups, Department of Mathematics (H. Moscovici), 1 July 1981 through 30 June 1983. (Project 762653 - New)

\$15,954.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Investigation of Crashworthiness Measurement, Department of Mechanical Engineering (D. A. Guenther), 1 April 1981 through 31 December 1981. (Project 762626 - New)

\$13,700.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, The Objective Measurement of Sociomoral Reflection, Department of Psychology (J. C. Gibbs), 1 April 1981 through 31 March 1982. (Project 762650 - New)

\$10,925.00 - National Science Foundation, Washington, D. C., Developmental Work on Academic Price Indexes, Office of Finance and Planning (G. W. Baughman), 25 March 1981 through 14 January 1982. (Project 762267 - Continuation)

\$7,562.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Biologically Important Carbohydrates, Department of Chemistry (D. Horton), 1 April 1981 through 31 March 1982. (Project 760025 - Continuation)

\$6,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Studies on the Epstein-Barr Virus and Its Association with Nasopharyngeal Carcinoma, Department of Medical Microbiology and Immunology (R. Glaser), 1 April 1981 through 31 March 1982. (Project 761081 - Continuation)

\$6,000.00 - Sandia Laboratories, Albuquerque, New Mexico, Stress and Failure Evaluations Associated with Selected Coal Mine Pillar-Panel Configurations, Department of Engineering Mechanics (S. H. Advani and J. K. Lee), 20 February 1981 through 31 December 1981. (Project 762590 - Continuation)

\$3,151.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Deletions and Mitochondrial Genetic Recombination, Department of Genetics (P. S. Perlman and C. W. Birky), 1 April 1981 through 31 March 1982. (Project 764400 - Continuation)

June 11, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$2,521.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Pathogenesis of Experimental Atherosclerosis, Department of Physiological Chemistry (D. G. Cornwell), 1 December 1980 through 30 November 1981. (Project 762525 - Continuation)

\$2,520.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Biologically Active Alkaloids, Department of Chemistry (D. J. Hart), 1 April 1981 through 31 March 1982. (Project 762083 - Continuation)

\$2,200.00 - National Science Foundation, Washington, D. C., 1981 Midwest Regional Developmental Biology Conference, Department of Zoology (R. A. Tassava), 1 May 1981 through 31 October 1981. (Project 762652 - New)

\$461.00 - Department of Energy, Chicago Operations and Regional Office, Argonne, Illinois, Pulse Radiolysis Studies of Fast Reactions in Molecular Systems, Department of Chemistry (L. M. Dorfman), 1 February 1981 through 31 January 1983. (Project 762589 - Continuation)

**TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS** **\$4,077,689.00**

**State of Ohio Research Contracts/Grants**

\$52,000.00 - State of Ohio, Department of Education, Vocational Education Division, Columbus, Ohio, Coordination of Statewide Career Education Activities, Academic Faculty of Special Services (J. J. Quaranta, Jr.), 1 January 1981 through 30 September 1981. (Project 762632 - New)

\$975.00 - Ohio Historical Society, Columbus, Ohio, Regional Archaeological Preservation Office 4A, Mansfield Campus (D. W. Kramer and D. R. Morse), 1 October 1980 through 30 September 1981. (Project 762440 - Continuation)

**TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS** **\$ 52,975.00**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants**

\$95,000.00 - University of California, Davis, California, Intensive Forage Production Systems for Smallholder Sheep and Goat Producers, College of Agriculture and Home Economics, International Programs in Agriculture (M. G. Smith) and Department of Agronomy (R. W. Van Keuren), 1 February 1981 through 30 September 1981. (Project 761949 - Continuation)

June 11, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$66,653.00 - Hospital Financial Management Association, Oak Brook, Illinois, The Development of a Financial Analysis Service for the Hospital Industry, School of Allied Medical Professions (W. O. Cleverley), 1 July 1981 through 30 June 1982. (Project 761794 - Continuation)

\$64,579.00 - Gas Research Institute, Chicago, Illinois, An Evaluation of Critical Nature of Flaws in Plastic Pipeline Gas Distribution Systems, Department of Engineering Mechanics (C. Popelar and T. Richard), 1 January 1981 through 31 March 1982. (Project 762393 - Continuation)

\$58,804.75 - State Secretariat of Agriculture, Government of the Dominican Republic, Santo Domingo, The Dominican Republic, Professional Training and Improvement Program, College of Agriculture and Home Economics, International Programs in Agriculture (D. O. Hansen and M. G. Smith), 1 April 1981 through 31 March 1982. (Project 762643 - New)

\$49,998.00 - Electric Power Research Institute, Palo Alto, California, An Advanced Prototype System for Locating and Mapping Underground Obstacles, Department of Electrical Engineering, ElectroScience Laboratory (R. Caldecott), 1 July 1981 through 31 December 1981. (Project 760604 - Continuation)

\$35,419.00 - American Cancer Society, New York, New York, Nasopharyngeal Cancer: Diagnostic/Prognostic Testing, Department of Medical Microbiology and Immunology (R. Glaser), 1 April 1981 through 31 March 1982. (Project 762633 - New)

\$25,986.00 - Commonwealth of Pennsylvania, Department of Education, Harrisburg, Pennsylvania, Consortium for the Development of Professional Materials for Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1980 through 31 August 1981. (Project 762607 - Continuation)

\$25,002.00 - Upper Arlington Schools, Upper Arlington, Ohio, Instruction and Direct Services for Upper Arlington Demonstration and Validation of Career Education Project (USDE), Academic Faculty of Special Services (J. J. Quaranta), 1 February 1981 through 30 September 1981. (Project 762630 - New)

\$25,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Application for Young Investigator Research Position Award, College of Pharmacy (J. J. MacKichan), 1 July 1981 through 30 June 1982. (Project 762641 - New)



June 11, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$20,000.00 - City of Columbus, Division of Fire, Columbus, Ohio, City of Columbus Fire Project, College of Administrative Science - Continuing Education (J. Stanley), 1 January 1981 through 30 June 1981. (Project 762631 - Continuation)

\$12,675.00 - The Standard Oil Company, Cleveland, Ohio, Assimilate Partitioning, Department of Botany (C. A. Swanson), 1 April 1981 through 31 March 1982. (Project 762657 - New)

\$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Electrophysiologic Effects of Ethanol in Dog Hearts, Departments of Veterinary Clinical Sciences and Veterinary Physiology and Pharmacology (W. W. Muir) and Department of Veterinary Clinical Sciences (S. M. McGuirk), 1 July 1981 through 30 June 1982. (Project 762651 - New)

\$8,525.00 - Martha Holden Jennings Foundation, Cleveland, Ohio, The Development of an Enrichment Program in Children's Literature, Lima Campus and Academic Faculty of Early and Middle Childhood Education (J. V. Kristo), 15 February 1981 through 31 August 1981. (Project 762628 - New)

\$6,900.00 - Massachusetts Institute of Technology, Cambridge, Massachusetts, INFOPLEX Data Based Computer Architecture, Department of Computer and Information Science (D. K. Hsiao), 15 September 1979 through 15 June 1980. (Project 762654 - New)

\$4,625.00 - The Burroughs Wellcome Fund, Research Triangle Park, North Carolina, Research and Collaboration at University of Dundee Medical Sciences Institute, Scotland, Department of Food Science and Nutrition (J. B. Allred), 15 June 1981 through 15 October 1981. (Project 762624 - New)

\$4,500.00 - Greater Columbus Arts Council, Columbus, Ohio, Provisional Theatre Residency, Department of Theatre (A. L. Woods and Y. Shafer), 12 January 1981 through 11 May 1981. (Project 762646 - New)

\$3,155.00 - Wisconsin State Occupational Information Coordinating Committee, Madison, Wisconsin, Developing the Standard Occupational Classification (SOC) Code Definitions, National Center for Research in Vocational Education (R. E. Taylor), 1 April 1981 through 30 June 1981. (Project 762161 - Continuation)

\$1,200.00 - Ohio Academy of Family Physicians, Columbus, Ohio, Panic Attacks, Agoraphobia, and Depression, Department of Family Medicine (L. L. Gabel), 1 February 1981 through 30 June 1981. (Project 762627 - New)

June 11, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$1,000.00 - Linn-Benton Community College, Albany, Oregon, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1980 through 30 June 1981. (Project 761599 - Continuation)

\$745.78 - Southeast Missouri State University, Cape Girardeau, Missouri, The Preparation of Supplemental Instructional Units Based on Crustal Research for Use in Grades 8-10, Academic Faculty of Science and Mathematics Education (V. J. Mayer), 1 September 1978 through 31 December 1979. (Project 761382 - Continuation)

<b>TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON- FEDERAL RESEARCH CONTRACTS/GRANTS</b>	<b>\$ 521,767.53</b>
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**ENGINEERING EXPERIMENT STATION**

**Industrial and Other Sponsored Research and Development**

\$59,681.00 - various sponsors for 26 development projects under the direction of six engineering departments and research areas.

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

**Gifts of \$5,000 or More**

\$50,000.00 - The Proctor & Gamble Company, Cincinnati, Ohio--\$42,500.00 for Toxic Shock Research Fund and \$7,500.00 for Proctor and Gamble Company Fellowship in Chemistry.

\$43,334.65 - Estate Under the Will of Miss Sara Crist, Columbus, Ohio, for Ohio State National Merit Scholarship Fund.

\$30,655.24 - Louise Orr Scott Foundation, Columbus, Ohio--\$22,991.43 for William Craig Orr and Mary Black Orr Scholarship in Medicine and \$7,663.81 for William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

\$29,254.00 - Adria Laboratories, Inc., Columbus, Ohio, for Clinical Pharmacology Fund.

\$29,008.40 - Estate Under the Will of Florence Ogden Wilson, Oklahoma City, Oklahoma, for Florence O. Wilson Endowment Fund.

June 11, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$25,000.00 - Chemlawn, Columbus, Ohio, for Electropharmacology Research - Hollander Fund.

\$25,000.00 - Gene P. Dragonette, Huntsville, Ohio--\$20,000.00 for Presidents Club Special Fund and \$5,000.00 for Friends of WOSU.

\$18,500.00 - The Upjohn Company, Kalamazoo, Michigan, for Upjohn Company Graduate Training Fellowship.

\$15,000.00 - The Kaplan-Halpert Foundation, Inc., Columbus, Ohio, for The Jack M. George Fund.

\$13,184.88 - University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

\$10,148.00 - Dr. Fritz Strauman, Liestal, 13 Switzerland, for The Hans Willenegger Residency in Veterinary Surgery.

\$10,000.00 - Mid Ohio Automotive, Inc., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

\$10,000.00 - Nationwide Mutual Insurance Company, Columbus, Ohio--\$5,000.00 for C. William O'Neill Professorship of Law Fund and \$5,000.00 for Student Athlete Grant-in-Aid Fund.

\$9,620.23 - Systems Associates, Inc., Columbus, Ohio, for Cardiology Support Fund.

\$8,764.00 - Pfizer, Inc., Groton, Connecticut, for Infectious Disease Research Fund.

\$8,248.09 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

\$8,000.00 - Central Ohio Center for Economic Education, Columbus, Ohio, for Center for Economic Education.

\$7,198.79 - Trust Under the Will of Carl M. Baldwin, Columbus, Ohio, for Carl M. and Grace C. Baldwin Eye Care Fund.

\$7,000.00 - Construction Equipment Group, Worthington, Ohio, for Student Athlete Grant-in-Aid Fund.

\$7,000.00 - Grumman Dormavac, Woodbury, New York, for Department of Horticulture Support Fund.

June 11, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$6,588.00 - SISA Incorporated, Cambridge, Massachusetts, for Clinical Pharmacology Fund.

\$6,324.25 - William H. Havener, M.D., Columbus, Ohio, 617 shares Patrick Petroleum warrants, for Ophthalmology Teaching Fund.

\$6,300.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for Samuel J. Roessler Memorial Fund.

\$6,000.00 - The Falk Corporation, Milwaukee, Wisconsin, for Gear Dynamics and Gear Noise Research Laboratory Fund.

\$6,000.00 - The Horsburgh & Scott Company, Cleveland, Ohio, for Gear Dynamics and Gear Noise Research Laboratory Fund.

\$6,000.00 - The Tool Steel Gear and Pinion Foundation, Cincinnati, Ohio, for Gear Dynamics and Gear Noise Research Laboratory Fund.

\$5,242.27 - Moffitt Royalty Trust, San Antonio, Texas, for Melvin E. Moffitt Memorial Fund.

\$5,100.00 - Hoffmann-LaRoche, Inc., Nutley, New Jersey, for Infectious Disease Research Fund.

\$5,001.00 - Texas Marketing Area, Order No. 1126, Dallas, Texas, for Ohio Agricultural Business Fund.

\$5,000.00 - The Dow Chemical Company, Midland, Michigan, for Soil Fertility Research Fund.

\$5,000.00 - The Duriron Company, Inc., Dayton, Ohio, for Duriron Professorship in Metallurgical Engineering.

\$5,000.00 - Edison Electric Institute, Washington, D. C., for Lamme Power Systems Laboratory.

\$5,000.00 - The Samuel Mendel Melton Foundation, Columbus, Ohio, for The Melton Fund-Lewis Fund.

\$5,000.00 - Mrs. Dorothy V. Steiner, Clearwater, Florida, for Loren F. Steiner Entomology Memorial Fund.

June 11, 1981 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds**

##### **Department of Pathology Educational and Research Discretionary Fund**

The Department of Pathology Educational and Research Discretionary Fund was established June 11, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the faculty and friends of the Department of Pathology, College of Medicine.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more fellowships for pathology resident physicians who wish to pursue an additional one- or two-year program in research and education at The Ohio State University leading to eligibility for the examinations of Special Competence of the American Board of Pathology. The Department is authorized to invade the principal amount of the endowment if necessary. The selection of the recipients is to be made upon the recommendation of the Department Chairman and the Dean of the College of Medicine.

Should the need for these pathology fellowships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Chairman of the Department of Pathology in the College of Medicine.

##### **The Kimberly L. Garland Memorial Scholarship Fund**

The Kimberly L. Garland Memorial Scholarship Fund was established June 11, 1981, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Kimberly L. Garland.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from the principal is to be used to provide annual scholarships for two or three undergraduate students enrolled at The Ohio State University. Preference shall be given to entering students from Zanesville High School, Zanesville, Ohio. Selection of the scholarships for entering students is to be coordinated with the Superintendent of Schools, or designee, Zanesville Board of Education, Zanesville, Ohio. Selection is to be based on academic record and evidence of leadership without regard to the applicant's financial need. Recipients may reapply. Selection will be under the jurisdiction of the University Committee on Student Financial Aids.

June 11, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Kimberly L. Garland Memorial Scholarship Fund (contd)**

Should the need for this fund cease to exist or so diminish as to provide unused income, then a representative of the family heirs in conjunction with the Board of Trustees can review the various legal options at that time and jointly decide the distribution of this income and its purpose.

**The Joseph B. Collinson Scholarship Fund**

The Joseph B. Collinson Scholarship Fund was established June 11, 1981, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University from the Textron Corporation of Providence, Rhode Island.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide a scholarship for an accounting student completing the junior year who has indicated an intent to go on with graduate studies in accounting; achieved outstanding academic rank and provided concrete evidence of leadership. The selection of the recipient is to be made upon the recommendation of the selection committee, consisting of the Chairman of the Academic Faculty of Accounting, a member of the Accounting Faculty teaching in the Honors Program and the Adviser of the Student Accounting Association.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for accounting education.

**The Bishop Family Scholarship Fund**

The Bishop Family Scholarship Fund was established June 11, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund sponsored by the Bishop family.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

June 11, 1981 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **The Bishop Family Scholarship Fund (contd)**

The annual income from the principal is to be used to provide scholarship assistance to a needy fourth-quarter student enrolled in the College of Agriculture who has completed his/her freshman year at The Ohio State University with a creditable grade point average. The recipient must be a current resident of the State of Ohio, of good moral character, a present or former qualified member of 4-H, FFA, or the FHA organizations in Ohio, and must be a current resident of the OSU dormitories, approved residence halls, or other approved residence while enrolled in the college. The scholarship may be granted for one year and for no longer than a three-year period to the same recipient as long as he/she continues to meet the above requirements.

The selection of the recipient shall be made by the University Committee on Student Financial Aids with recommendations from the Dean or Assistant Dean for Student Affairs in the College of Agriculture.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for curricula in agriculture.

##### **The James and Stella Lee Scholarship Fund for National Merit Students**

The James and Stella Lee Scholarship Fund for National Merit Students was established June 11, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Jerry D. Lee, B.S.Bus.Adm. '58, Greenwich, Connecticut.

All gifts are to be invested in the University's Permanent Endowment under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarships for one or more National Merit student(s) who are graduates of Marion Harding High School (Marion, Ohio) enrolling at The Ohio State University. The selection of the recipient(s) shall be made by the University Committee on Student Financial Aids. Candidates from Marion Harding High School are to be recommended by a faculty committee of Marion Harding High School.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference given to currently available program(s) supporting merit scholarships.

June 11, 1981 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **Elizabeth Shaw Long Scholarship Fund**

The Elizabeth Shaw Long Scholarship Fund was established June 11, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Harry H. Long, Jr., '48, in memory of his mother, Elizabeth Shaw Long.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarship support to a student pursuing a degree in the School of Natural Resources, Division of Forestry. The student must demonstrate high academic achievement as well as financial need. The selection of the student shall be made by the Director of the School of Natural Resources in conjunction with the Director of Student Financial Aids. During the lifetime of the donor, the Office of Student Financial Aids will annually provide the donor with the name of the student who receives the award.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships.

##### **The P. Philip Sabatino Memorial Fund**

The P. Philip Sabatino Memorial Fund was established June 11, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the family and friends of P. Philip Sabatino, B.S.Bus.Adm. '54, of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for education, research and patient care programs in the health sciences. Requisitions for the use of funds will be approved by the Vice President for Health Sciences.

Should the need for these funds cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for education in the health sciences.



June 11, 1981 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **The Walter F. Gnezda Memorial Scholarship Fund**

The Walter F. Gnezda Memorial Scholarship Fund was established June 11, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from his wife, Mary A. Gnezda, M.A. '61, Ph.D., '72, and daughters, Nicole G. Smith and M. Therese Gnezda, and son, Eric W. Gnezda, in memory of Walter F. Gnezda, B.S.Bus.Adm. '51, of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for the sons and daughters of parents who have multiple sclerosis and who have demonstrated a need for financial assistance. The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for student financial aid.

#### **Change in Description of Named Fund**

##### **The Jack M. George Fund**

The Jack M. George Fund was established April 6, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Kaplan-Halpert Foundation of Cleveland, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for research and training in Endocrinology, including such things as graduate fellowships, equipment, consumable supplies for research (such as chemicals, glassware, animals, isotopes), salary for research assistant, seminars, travel, publication costs, books and journals and eventually for the endowment of a faculty chair in the Division of Endocrinology, Department of Medicine. Requisitions for funds are to be approved by Dr. Jack M. George, as long as he is a member of the OSU faculty, the Chairman of the Department of Medicine, and the Dean of the College of Medicine. Any income not used in a given year may be added to the principal at the direction of the Chairman of the Department of Medicine.

June 11, 1981 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Change in Description of Named Fund (contd)**

**The Jack M. George Fund (contd)**

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used to establish an endowed faculty chair in the department of medicine.

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**EMPLOYMENT OF ARCHITECT/ENGINEER**

**HEALTH SCIENCES CENTER ROADWAY (INTERNAL LOOP)  
AND HEALTH SCIENCES CENTER STORM SEWERS**

Resolution No. 81-135

*Synopsis: Authorization to employ a qualified engineering firm to perform engineering services for this project is requested.*

WHEREAS the Health Sciences Center component of the Comprehensive Master Plan recommends several revisions to the interior traffic pattern of the Health Sciences Center in order to reduce congestion, simplify traffic flow, discourage short-cut traffic, increase pedestrian area and establish the principal circulation loop and other desired traffic patterns; and the additional project for storm sewers will drain the area at the Emergency Room entrance to Rhodes Hall by additional drain lines and the installation of larger sewer pipes in the area; and

WHEREAS it is proposed to construct a new roadway section between Cannon Drive and Belmont Avenue, widen Belmont Avenue north of the new roadway, eliminate West Ninth Avenue between Perry Street and Belmont Avenue, eliminate a portion of Belmont Avenue, modify West Tenth Avenue east of Belmont Avenue and provide appropriate signage, barriers, landscaping, drainage, traffic control devices, and storm sewer modifications:

**NOW THEREFORE**

**BE IT RESOLVED**, That the Vice President for Business and Administration be authorized to select a qualified engineering firm from a list of firms provided by the Department of Administrative Services; and

**BE IT FURTHER RESOLVED**, That the fee for services be negotiated between the firm and the Department of Administrative Services, Division of Public Works, and that all final actions will be dependent on final passage of the current Capital Appropriations Bill of the

June 11, 1981 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECT/ENGINEER (contd)**

**HEALTH SCIENCES CENTER ROADWAY (INTERNAL LOOP)  
AND HEALTH SCIENCES CENTER STORM SEWERS (contd)**

State of Ohio for The Ohio State University for the Fiscal Year 1981-82 with the project cost for construction estimated to be \$900,000.00.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 81-136

*Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.*

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Administration to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

**ROOF REPLACEMENTS, 1981**

Description: Restoration of roofing systems for Robinson Laboratory, Plumb Hall, Optometry Building and Mershon Auditorium, due to deterioration.

**General Contract**

Date Received:	May 13, 1981
No. of Bids:	4
Low Bid:	\$ 547,383.00*
High Bid:	\$1,231,000.00*
Estimate of Cost:	\$ 915,000.00*
Awarded to:	C. E. Mays Roofing, Westerville, Ohio
Total Contingency Allowance:	\$ 43,790.51 which is 8 per cent of construction contract
Total Project Cost:	\$ 596,935.00
Funding:	Budget Account 210134 and 885155

\*Recommended alternates reflected in these figures.

June 11, 1981 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**MASONRY REPAIRS (EXTERIOR)1981**

Description: Repair deteriorated masonry on Graves Hall, Koffolt Laboratories, Civil and Aeronautical Engineering Building and Scott Hall.

**General Contract**

Date Received:	May 19, 1981
No. of Bids:	2
Low Bid:	\$ 218,750.00*
High Bid:	\$ 222,069.00*
Estimate of Cost:	\$ 291,000.00*
Awarded to:	Trisco System, Inc., Lima, Ohio
Total Contingency Allowance:	\$ 13,125.21 which is 6 per cent of construction contract
Total Project Cost:	\$ 235,189.00
Funding:	Budget Account 210134

**EXTERIOR PAINTING, 1981 (SEVEN BUILDINGS)**

Description: Due to deterioration, painting will be accomplished on all trim work to Lazenby Hall, Ives Hall, Maintenance Building, ElectroScience Laboratory, Mendenhall Laboratory, Page Hall and Derby Hall.

**General Contract**

Date Received:	May 13, 1981
No. of Bids:	7
Low Bid:	\$ 91,332.00*
High Bid:	\$ 136,674.00*
Estimate of Cost:	\$ 152,500.00*
Awarded to:	L. D. Henry and Son, Inc., Columbus, Ohio
Total Contingency Allowance:	\$ 7,300.36 which is 8 per cent of construction contract
Total Project Cost:	\$ 100,959.00
Funding:	Budget Account 885157

\* Recommended alternates reflected in these figures.

June 11, 1981 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**SPHINX PLAZA**

Description: Construction of landscape project to be known as Sphinx Plaza. In connection with this, members of the Sphinx have elected to commemorate the 75th Anniversary of the Sphinx Senior Honorary Society to be held in 1982 with this Plaza.

**General Contract**

Date Received:	April 15, 1981
No. of Bids:	6
Low Bid:	\$ 69,500.00*
High Bid:	\$ 106,300.00*
Estimate of Cost:	\$ 122,100.00*
Awarded to:	Henry A. Justus, Inc., Columbus, Ohio

Total Contingency Allowance: \$ 3,102.40 which is 4.5 per cent of construction contract

Total Project Cost: \$ 90,000.00\*

Funding: Sphinx 75th Anniversary Gift Fund

**STADIUM DRIVE BRIDGE REPAIRS**

Description: Repair stone mortar joints, reinforce stone anchors and patch concrete arches due to deterioration. These repairs will be over the Olentangy River Road span of the bridge.

**General Contract**

Date Received:	May 7, 1981
No. of Bids:	4
Low Bid:	\$ 11,050.00*
High Bid:	\$ 20,237.00*
Estimate of Cost:	\$ 42,420.00*
Awarded to:	Raymond E. Kelley, Bowmansville, New York

Total Contingency Allowance: \$ 1,105.00 which is 10 per cent of construction contract

Total Project Cost: \$ 12,802.00

Funding: Budget Account 210134

\* Recommended alternates reflected in these figures.

June 11, 1981 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

NOW THEREFORE

BE IT RESOLVED, That pursuant to actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby reported.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**ACCESSION OF PROPERTY  
95 EAST 12TH AVENUE, COLUMBUS, OHIO**

Resolution No. 81-137

*Synopsis: Opportunity to acquire property to establish a named fund is proposed.*

WHEREAS the University has been provided with an opportunity to acquire the property located at 95 East 12th Avenue, Columbus, Ohio; and

WHEREAS the Ohio State Gamma Alpha Association, an Ohio nonprofit corporation, has offered to make a gift of said property to the University, subject to the condition that the proceeds from the sale of said property be used to establish the Gamma Alpha Library Fund, and earnings are to be used to purchase reference materials for the University's science libraries (Departments of Chemistry, Physics, Botany, Biological Sciences and Geology):

NOW THEREFORE

BE IT RESOLVED, That the property be accepted as a gift to the University through the Development Fund from the Ohio State Gamma Alpha Association; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to acquire title to said property in the name of the Board of Trustees of The Ohio State University.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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June 11, 1981 meeting, Board of Trustees

**REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO**

Resolution No. 81-138

RESOLVED, That the report on the University's Investment Portfolio, dated May 15, 1981, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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**REPORT - PRESIDENT HAROLD L. ENARSON**

President Enarson:

Mr. Chairman, under Reports I have two items; both are brief and one is good and one is bad. The good item is that the Athletic Council has unanimously passed a resolution that OSU forward its commitment to the Big 10 that we wish to affiliate our Women's Intercollegiate Program with the Big 10 conference; that is the good news. The bad news is there is a 60 per cent chance of rain tomorrow at commencement. That concludes my report.

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Thereupon the Board adjourned to meet Friday, July 10, 1981, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott  
Secretary

Chester Devenow  
Chairman

OFFICIAL PROCEEDINGS OF THE  
FIRST JOINT MEETING  
OF THE OHIO STATE UNIVERSITY BOARD OF TRUSTEES  
AND THE UNIVERSITY HOSPITALS BOARD

Columbus, Ohio, June 11, 1981

The Chairman of the University Board of Trustees, Mr. Chester Devenow, convened the meeting of the Board of Trustees and University Hospitals Board at 3:00 p.m. in the Alumni Wing of the Fawcett Center for Tomorrow.

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University Board of Trustees Present: Chester Devenow, Chairman, D. James Hilliker, John D. Jacob, Edmund C. Redman, Warren J Smith.

University Hospitals Board Present: Judge Robert M. Duncan, Chairman, Josephine S. Failer, Charles Y. Lazarus, Frank Lomax, Lloyd M. Parks, Wilbur W. Jones, Morris S. Rosenblum, Frieda I. Shirk, Arthur I. Vorys.



June 11, 1981 Joint Meeting, Board of Trustees and University Hospitals Board

Mr. Devenow:

As this is the first official meeting of the Hospitals Board and the Board of Trustees, we are delighted to have you and should be interested in finding out what is going on, and so with that I'll turn it over to Judge Duncan, the Chairman.

### UNIVERSITY HOSPITALS BOARD FIRST YEAR REPORT

Judge Duncan:

Thank you very much Mr. Chairman, and members of the Board of Trustees, President Enarson: We in the Hospitals Board appreciate the opportunity to meet with you today. We know you have had a long day, you have handled important matters, and we don't intend to burden you with lengthy remarks. We do believe, however, that it is important that we candidly report to you concerning our first year's activity. But before that, from the Hospitals Board, we would like to spread upon the records of this meeting congratulations to Dean William Wallace of the College of Dentistry, and certainly to Dean Manuel Tzagournis of The Ohio State University College of Medicine. I don't know that we know Dean Wallace as well as we expect to in the future, but we certainly have spent a delightful year working with and coming to know the strengths of Dean Tzagournis, and we know that we will enjoy working with him in the future. He is going to be an outstanding Dean of The Ohio State University College of Medicine and has been so far, and our sincere congratulations to those two persons and express our delight with their selection to this Board of Trustees.

I don't have a penchant for making presentations; however, I do find some comfort in making today's report since it is always pleasant to bring some good news. I have hopefully before you a written report which I tried to make concise. Perhaps its difficulty is it terribly understates the amount of effort that has been made by the members of the Hospitals Board. We have had great attendance in both regular, committee and special meetings, and after one year, we have come to better understand the thrust of the challenge that President Enarson related to us when we first came into being on May 2, 1980, and the first page of our report quotes President Enarson. He first started by mentioning the great awareness that we all have of health care nationally, and then he says, 'The OSU Hospitals face many of the same problems haunting community hospitals everywhere--rising costs along with rising expectations and rising resistance to cost increases. They face other pressing problems such as regulation, shortages of health professionals, etc.,' and then he next says, 'In addition to all of those they tend to become even more complicated in a University setting where teaching and research adjoins patient care,' and then he concluded by saying, 'It is not an overstatement to assert that future historians of the University will regard the formation of this University Hospitals Board as a major step in improving the health care and health sciences educational programs at the University.' Well, we believe that given realities, complexities, and so forth that he spoke of--his thinking, your Board's thinking, and the action taken to create this Hospitals Board was a prudent course of action. The Vice President for Health Sciences, the Acting Dean, now Dean of the College of Medicine, the medical staff, the hospital administration, the entire staff have all welcomed us, and I believe, would agree with us that the Board's existence is a positive. This perception is evidenced by the excellent cooperation

**UNIVERSITY HOSPITALS BOARD FIRST YEAR REPORT (contd)**

Judge Duncan: (contd)

that we have had from all of those persons. You know, I have been around Columbus for a long time, and I have been to the University Hospitals complex many, many times, and I thought I had a pretty good idea of what I understand now is 39 acres amounts to. I didn't know anything until I started following Charles Lazarus and Dr. Cramblett and Don Cramp around that complex, and my goodness, it is enormous and it is outstanding!

One of the interesting asides, along with all the other learning information I have received while a member of the Dean's Search Committee for the Dean of the College of Medicine, I did have an opportunity to talk with many outstanding medical scientists from throughout the country who came here, and to a person they all attested to the extraordinary facilities that we have on this campus, and I think that has certainly been borne out by what we know. I want to comment on the many hours and the effort that Charles Lazarus has exhibited in touring and coming to know those facilities so that he can better chair his committee and help this University. He has been outstanding.

It really doesn't make too much difference what sort of facilities you have anywhere unless you have the right kind of people. People make excellence, and I think we have those kind of people as we have come to know them more and more all the time. During our early stages of existence we went through a learning process, and we had all sorts of overviews from medical staff and the Dean of Pharmacy, from the hospital staff and all sorts of people. We have come to be fascinated by the nationally known health scientists who practice and study there, research there. A report which I have furnished you mentions some of those persons who have appeared before the Board, but even more than that many more persons have appeared before our committees. When we first began our duties it was necessary to staff our committees with members of the medical staff. At that time medical staff was not organized because they didn't have any bylaws. They still aren't completely finished with their preparation of their bylaws, but they are working on it. It is a difficult project, but they are working on it. But in the meanwhile, we needed some persons from the medical staff to staff our committees so that we could begin to operate. It was just outstanding that the sort of cooperation that we received from them by quickly conducting a very fair and reasonable election, and we are pleased to have a medical staff in place. They serve on our committees, they make outstanding contributions, they ask hard questions, and they answer hard questions so it has been a joy to work with them and I'm just pleased that Dr. Earl Metz, Vice Chairman of Medicine, has been elected our temporary Chief of Staff and he has been a very reasonable and helpful person.

The report which is before you also calls into account some recent developments in the administration of the Hospitals under Vice President Cramblett and our new Executive Director of the Hospitals, Donald Cramp. We have new people; we have some other people who have been reassigned. I have my PRIDE button on. We have a PRIDE campaign going on; we have PRIDE pencils and maybe you might think that is certainly an aside, but you know it has been helpful and I can

June 11, 1981 Joint Meeting, Board of Trustees and University Hospitals Board

## UNIVERSITY HOSPITALS BOARD FIRST YEAR REPORT (contd)

Judge Duncan: (contd)

see some changes. There is nothing wrong with this program to appeal to pride, and I am just extremely proud of it, and I think we have a lot of people who are very excited because of Don Cramp and the people he works with about what they are doing at the Hospital; they care and I think that is going in the right direction. He has done a letter campaign emphasizing cleanliness, grooming, patient concern, and all that sort of thing. I am pleased to say that under the direction of John Wolfe, the Finance Committee has put in good procedures, and they are pulling the thing together and have had excellent cooperation from everybody on that front.

Turning now to the Board--the Hospitals Board duties and responsibilities. The bylaws which this Board has provided us which set forth a general mission statement, our general mission, oversight, and planning. The bylaws were well written, and they seem to be an adequate vehicle; nevertheless, any laws have some difficulty in the reality of application, they leave questions unanswered; and so do these. And our mission, it's awesome. And when you complicate the mission of patient care with teaching and research, then it calls into question what is this Board's function with regard to all of those. What decisions are our responsibility; what are not?

We spent a lot of time patiently brainstorming, blue skying, if you will, trying to understand that, so we felt it would be helpful--and with the suggestion of Dr. Cramblett, we asked Dr. Hogness, formerly Dean of the College of Medicine, formerly the President of the University of Washington, to come in and talk with us about the experience of our counterpart at the University of Washington. We did that. In addition, we had Mr. Atwood from Minneapolis, who was the Chairman of the Hospital's Board of the University of Minnesota. He came in and shared his perceptions of responsibility and rights and duties with us. We have heard from Dr. Cramblett, Dr. Tzagournis, Mr. Cramp, all this information about how all these things fit together in that setting, and what is this Board's responsibility with relation to each of those and all of those enterprises.

Rather plainly stated, there are no hard answers to those questions, so we just can't go out and find a matrix and lay down to use as a mold to fit ourselves into. I think what is going to happen is that the Hospitals Board's role in specificity will evolve from our experiences. There are no bright line answers available. We are going to have to do this as we go along and with effort, knowledge, and reasonableness. I think we are going to be able to find our answers, and I expect the Board is going to be able to perform its mission as set forth in the bylaws. In other words, I believe that the bylaws have been generally highly utilitarian, but there are many unanswered questions which we are working on.

We have also in addition to the standing committees provided for by our bylaws--the Hospital Facilities Committee, the Finance Committee, and the Joint Conference Committee--I have also constituted a Governmental Affairs Committee which has to do with our many, many relationships with local, state, and governmental agencies, and we have had just excellent work by the committee chaired by Wilbur Jones. We have had excellent cooperation and work from that committee.

**UNIVERSITY HOSPITALS BOARD FIRST YEAR REPORT (contd)**

Judge Duncan: (contd)

I have called your attention to what I consider to be a problem with our bylaws, and a couple of sections of the bylaws are set forth on page 8 of the report and has to do with this Board's chain of reporting responsibility. Whether it is the case that this Board has a chain of reporting responsibility up through the other areas of the academic administration of this University or is it a right arm of this Board of Trustees and has the duty to report to this Board of Trustees. There is much to be said for either position. I candidly brought it, put it in this report, brought it forth because this is a matter that is not to be hidden; it is a matter that is to be talked about and addressed, and it is a matter of concern with us, and I don't know any other way to do it than to tell you that in a proper time we would hope that you would lend your attention to it, hear all sides of this problem, and I don't believe that it will be incapable of solution if reasonableness prevails. It just most certainly should not be hidden around somewhere in the dark and allowed to fester.

Well then, I have spoken too long, but in conclusion the Hospitals Board's service has been an exciting, learning process. Working with the distinguished members of our Board has been enlightening, inside knowledge that the Hospitals are in excellent operation; that's today, and we have seen improvement, and we expect steady improvement and that kind of a relationship is comforting. All of the members of our Board fortunately have been associated with highly successful business, professional, or civic boards of all kinds. We are proud of such service. Likewise, we are proud to be associated with the women and men who work and practice at University Hospitals. This University, this community, and the people of the State of Ohio can also be proud of the total institution over there and be encouraged by the prospects for future excellence in the teaching of the health sciences and patient care. That ends my comments.

I would now like to call on the members of our standing committees. First I am going to call on Dean Emeritus Parks to give a short report concerning the activity of the Joint Conference Committee. Mr. Dean Jeffers is the Vice Chairman of the Hospitals Board and as such by the bylaws the Chairman of the Joint Conference Committee. Unfortunately we have known for a long time that Dean wasn't going to be with us today. As you all know he is winding down his tenure as Chairman, Chief Executive Officer of Nationwide Corporation, and these are busy times for him and we miss him. He has been with us all the way; very active. We are sorry he couldn't be here, and we are delighted that Dean Parks is here, and he is certainly no stranger to those of you who love this University, and he has been a great member of our Board. Dean, if you would.

**JOINT CONFERENCE COMMITTEE SUMMARY**

Dean Parks:

Mr. Chairman, Members of the Board of Trustees, and Fellow Board Members: It is indeed a pleasure for me to report for Mr. Dean Jeffers, Chairman of the Hospitals' Joint Conference Committee. Mr. Jeffers, in his absence--and I assure you

**JOINT CONFERENCE COMMITTEE SUMMARY (contd)**

Dean Parks: (contd)

he did wish to be with you—has asked that I make it known to you that he does appreciate the exceptional hard work and cooperation he has received from his committee members.

The intention of the Joint Conference Committee is to bring together principal representatives of the Hospitals Board, the Medical Faculty and Hospital Administration. The subjects discussed on each meeting agenda generally address matters of policy which impact commonly upon those areas of patient care, faculty and employee well-being. However, in our particular Hospital we also consider matters that relate not only to patient care but to teaching and research as well.

The Bylaws of the University Hospitals Board are a bit more formal and they charge our committee with such legalese as '... a forum for discussion of medical policy and practice in the University Hospitals and shall advise the Board concerning Hospitals' patient care goals, policies, standards of care, and general operating problems.'

Through the first year of the Hospitals Board's existence, we have certainly lived up to our charge. We have tackled longstanding issues of significant policy and have worked toward resolution of Hospital-wide problems. The committee meetings have been very well attended and the frank and open exchange among the professionals involved in the work of this committee has been a model of cooperation. The results have been good, with our approval of specific actions leading to positive results.

Let me take a moment to highlight some of the issues which we have discussed and at times acted upon when it has been appropriate. While I will just highlight some of these issues, I will be pleased to respond as will Dr. Cramblett or Mr. Crampton should you have questions.

One of the first issues raised by our respected Chairman, Mr. Dean W. Jeffers, was in the way of a simple question: what is the single most pressing matter to be resolved in the Hospitals at this time? The responses were remarkable and we have been working on those issues ever since. We have addressed a Pediatric Burn Policy, the ongoing accreditation of our Hospitals by the Joint Commission on Accreditation of Hospitals, the occupancy progress of Rhodes Hall (now completed), the renovation and restoration program in University Hospital, the nurse staffing program which should lead us to the opening of all beds by this year's end, and other employee policy matters. We have reviewed an informational patient survey questionnaire on a quarterly basis which serves as a report card for many components of the Hospital. One important subject has been the evolution before this Committee of the Medical Staff Bylaws. We have reviewed the Hospitals' plan for handling disasters, including fire and tornado. Also, the Hospitals' self-insurance program has been subjected to our review. We are beginning our review at this time of anesthesiology coverage for the Hospitals. We review such professional matters as the infection control within the Hospitals,

**JOINT CONFERENCE COMMITTEE SUMMARY (contd)**

Dean Parks: (contd)

receiving an in-depth report by the physician director of that program. We recently have reviewed the question raised in the media concerning the re-creation of the Columbus Hospital Federation. And too, this Committee receives and reviews all medical staff appointments to our Hospitals.

While time has permitted only this brief overview, I am hopeful that I have succeeded in presenting to you a sample capsule of the substance brought before this senior committee.

As a closing personal note, after spending so many years at this great University I am delighted to see so many improvements occurring at University Hospitals. I am pleased to be a part of the work of this distinguished Hospitals Board. I assure you that this Board absolutely has the best interests of The Ohio State University and its Hospitals first and foremost in all of its deliberations and actions.

May I again turn back to Judge Duncan for his wish to possibly accept questions or move to other reports.

Judge Duncan:

Perhaps we should go ahead with the entire series of reports and then stand for questions. I spoke with Mr. John W. Wolfe yesterday afternoon; he was on his way to Indianapolis, and he expressed regret at not being able to be here (he planned to be here). Mr. Wolfe has been an active (believe me) an active person in charge, very much in charge of the Finance Committee of our Board. Talk about the hard questions; he has really asked them; he has been a good leader, and we are pleased with his participation. I am sorry he is not here, and I express regret on his behalf. But we have another one of our active members who has been just a stalwart as she is for everything concerning this University when asked. I don't know that we have any one in this entire state more dedicated--now I am talking advisement--and more dedicated than Jo Failer, and those of you who love this University know that as well as I do. So we are pleased that she is a member of our Finance Committee, a member of our Board, and I am going to ask that she give comments concerning the activity of the Finance Committee.

**FINANCE COMMITTEE SUMMARY**

Mrs. Failer:

Mr. Chairman, President Enarson, University Trustees and Fellow Hospital Board Members: It is my pleasure to report for Mr. John Wolfe, Chairman of the Hospital Finance Committee.

The Finance Committee as constituted by the Hospital Bylaws is responsible to advise the Hospital Board on financial matters, specifically the annual review of the operating budget, monthly financial reports, and proposals to the Board and University Administration for adjusting Hospital charges for services.

**FINANCE COMMITTEE SUMMARY (contd)**

Mrs. Failer: (contd)

The first meetings of the Finance Committee were used to orient the members as to the fiscal operating philosophy and historical and current financial status of University Hospital.

We are pleased to report to you today that the Hospital is financially stable and is progressing in a businesslike manner in the conduct of its administrative and fiscal affairs.

At the close of the first ten months of the budget year 1981, the University Hospital is operating with net revenue exceeding budget by 5 per cent. Operating expenses are 2 per cent below the ten-month budget. The increased volume of patient revenue is due to activation of beds in Rhodes Hall and a higher than projected occupancy. The first ten months occupancy is 85 per cent of activated beds. This is a ten-month average, while in many services and on particular days the Hospital is experiencing occupancy in the range of 92 per cent and 93 per cent. The national average for voluntary hospitals has been an occupancy of 74 per cent. University Hospitals is 10 per cent above this average and is on a steady increase in projected occupancy.

With the increase in revenue, net accounts receivables have increased, however the days in accounts receivable have been at a steady decline since January and are currently at 85 days (or a reduction of 18 days) in the last four months.

A review of the professional practice insurance fund indicates a very strong financial position on behalf of the Hospital.

Currently the Finance Committee is making an extensive review of the Blue Cross contract and the effect upon University Hospital and the general public. Coinciding with this review a tentative Hospital budget was submitted to Blue Cross for a rate increase to be effective July 1, 1981. Since there are several issues currently under consideration a full report will be submitted by the Hospital Board at a later meeting.

The Finance Committee is scheduled to review at its first meeting in July a complete proposal from Hospital Administration on management of accounts receivable, and credit and collection, and policies for the future years.

A comparison of teaching hospital's costs was reviewed by the Finance Committee. The Ohio State University Hospitals compared favorably in all areas of cost containment as measured by that data.

While the state of the economy and the reduction of State and Federal programs will put many pressures on University Hospitals, we feel strong financial practices of the past, and proposed for the future, will allow University Hospitals to maintain and improve quality in its patient care, teaching and research programs.

### **FINANCE COMMITTEE SUMMARY (contd)**

Mrs. Failer: (contd)

Mr. Wolfe would like to express his appreciation to members of this Committee who have performed well in a very complicated world of hospital finance. Members of the Committee are Dr. Cramblett, Josephine Failer, Wilbur Jones, Dr. Earl Metz, Edmund Redman, Madison H. Scott, Dr. Manuel Tzagournis (I can say Dean now), Dr. William Vandament, and John Wolfe. Mr. Boyanowski and Mr. Cramp also work with us on behalf of Hospital administration.

May I again, turn back to Judge Duncan for his wish to possibly accept questions or to move to other reports.

Judge Duncan:

Lastly, I will call on Charles Lazarus, who is Chairman of the Hospitals Facilities Committee. I can't tell you the amount of hours that this man has given of his valuable time to what goes on--there is no end. He made my back hurt with all his tours too. We certainly are pleased that you have taken this on and have spent so much time--Mr. Lazarus.

### **FACILITIES COMMITTEE SUMMARY**

Mr. Lazarus:

Judge Duncan, Members of the Trustees, President Enarson: The Facilities Committee of the Hospitals has the responsibility of monitoring the condition of the Hospitals' facilities and have the responsibility for planning and recommending additions, alterations, repairs, and maintenance. It sounds like it is a simple chore; we have found out it is not quite so simple. We have been busily engaged in: (1) making complete, thorough tours of all University Hospitals facilities; (2) making an appraisal of fire and safety conditions for patients, staff, and buildings themselves; (3) making an evaluation of the physical conditions of all of the existing buildings; and (4) making an evaluation of the effective utilization of existing space and planning for future utilization of space.

With reference to the tours of the facilities and the fire and safety conditions thereof, the tours resulted in the immediate priority that resulted in our request to this Board of Trustees to use an outside consultant to review the fire and safety conditions as they currently exist in the University Hospitals buildings. This you have acted on, and we hope to have this study completed in the very near future on schedule.

With reference to an evaluation of the physical condition of existing buildings; many of the Hospitals buildings are quite old now, and we believe we are now in better shape to support Hospital administration in their needs for updating many of these existing facilities as advances are made in the field of medical science.



**FACILITIES COMMITTEE SUMMARY (contd)**

Mr. Lazarus: (contd)

With reference to No. 4, an evaluation of the effective utilization of existing space and planning for future utilization; a complete survey has now been completed giving us current and up-to-date information on the utilization of all existing spaces for all three parts of the Hospitals mission--for patient care, for teaching, and for research.

We are now in the process of working with the Vice President for Medical Sciences and the medical staff to develop effective procedures for longer range plans for the University Hospitals in all three parts of its mission.

We have reviewed the Perkins and Will study which was presented to the Board of Trustees and we'll work with the Hospitals staff and the Vice President for Medical Sciences and his staff, and the medical staff of the Hospital to develop continuing, more specific long-range plans as well as coordinating short-range plans.

We must comment on the very excellent cooperation not only of Dr. Rosenblum, John Hodges, and the other member of the Facilities Committee but also from those members of the hospitals administrative staff, from the staff of the Vice President for Medical Affairs as well as the University administrative staff. Most all of the problems as well as the opportunities that we face involve all three.

Judge Duncan:

Members of the Board of Trustees, that concludes our report, only with the addendum that maybe we could be accused today of giving a report that is too enthusiastic, too much hyperbole, and too glorious. I don't think so. I think we have enthusiasm for what we are doing, and we have enthusiasm for the people we have come to know in the Hospitals complex. I don't mean to say for a minute that we don't have serious problems over there; we do! There are still embers flickering of past controversies; no question about that. But I think we have some people who through reasonableness are trying to rise above all that and get on with the program, and we are pleased to be associated with all such people. Mistakes have been made--bad mistakes--and I wish we could undo them but we can't, but I do believe that the future is good and that we can be of service to you in your duties as superintendents of this University. Thank you.

President Enarson:

Perhaps I might make one brief comment. I am totally confident that as the years and indeed the decades roll by there will never be a shadow of a doubt that it was an act of statecraft on the part of the Board of Trustees to create the Hospitals Board. I think that it is very clear that this is a necessary developing pattern in dealing with extraordinarily complex institutions such as we have here.

I guess the second point I would make is that in listening to these presentations, it is instantly apparent that a great deal of work has been invested by some very competent and very busy individuals. That comes through loud and clear.

President Enarson: (contd)

I guess the third point I'd rather not get into. I started doing some mental arithmetic on what you would be charging us on an hourly basis, and I gave up in despair on that. But since the function of the University President is always to put a fair face on disaster, I would just remind you that the rest of the institution will not have even continuation budgeting next year, and after careful deliberation, I am going to recommend to the Board that your ration of coffee and fruit juice be continued without dilution and in times of inflation that is not bad.

Finally Judge Duncan and members of the Hospitals Board and members of our Ohio State University Board, without addressing what is felt to be a fairly complex and important matter of who does what, when, where, how, I would be—I feel rather reassured on that score, perhaps because of my experience in the University. The University, as I tried to explain to the Board of Trustees on so many occasions, operates in mysterious ways, fashioned in about eight centuries now of experience. It often defies logic but it works. It is like the bumblebee. The bumblebee is aerodynamically unsound. Any engineer will tell you that the bumblebee cannot fly. The University organizationally cannot operate but it does. There is ambiguity built into the very grain of the University. From time to time I am asked what exactly does a dean do and what exactly does a vice president do, or I am asked occasionally what exactly is the role of the Board of Trustees, and what exactly is the role of the President and the Board of Trustees, and the only answer I have is to toss back a question which is a nasty little old debating trick, and the question that I toss back is, tell me exactly how your marriage works; tell me exactly how you decide who does what. At an earlier age that stopped the conversation; lately, it brings on explanations that I don't really care to hear, so I think, take comfort in the thought that the Hospital, I think, the modern hospital, University Hospital, possibly next to the Catholic Church and the National Council of Churches, is the most complicated, the most complex social organization of our time. So wrestle with it with good cheer, and I can assure you that if you find ultimate clarity in these matters, I will see that you are published somewhere.

Mr. Devenow:

I would like to make reference to the remuneration that you discussed, and we will pass on to you any increases that we get. Judge, we are delighted with the work that the committee has done, and these reports indicate conscientious and devoted effort to help the Board of Trustees solve very many serious problems that we have around the clock, and, hopefully, you will take some of those off our back. I agree with President Enarson, that has been a great step forward. It was something that he had in mind, and I thought that he deserves full credit for it. I think it will be a very useful tool through the years to come to the University. Again, I am sure I speak for every trustee—we are very grateful for the time, effort, and devotion that you put into this thing.

We are open to questions, if not we are open to adjournment.

The meeting adjourned.

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND SEVENTIETH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 18, 1981

Pursuant to paragraph (B) of bylaw 3335-1-01 of the Administrative Code, The Ohio State University Board of Trustees met upon the call of the Chairman, Chester Devenow, in a special meeting on Thursday, June 18, 1981, at 5:30 p.m., at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

Present: Chester Devenow, Chairman, Warren J. Smith, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Leonard J. Immke, and John W. Berry.

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June 18, 1981 meeting, Board of Trustees

The Chairman of the Board, Mr. Devenow, called the meeting of the Board of Trustees to order at 5:30 p.m.

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### **INTRODUCTION OF MR. BERRY**

Mr. Devenow:

I am delighted to introduce Mr. John W. Berry of Dayton, Ohio, whose appointment was announced by Governor James A. Rhodes for the term beginning May 14, 1981 and ending May 13, 1990, to succeed Mrs. Patricia D. James, whose term expired.

Mr. Berry is Chairman of the Board and Chief Executive Officer of L. M. Berry and Company of Dayton and has been associated with the firm since 1940. In addition to his service now as an Ohio State trustee, he is a trustee of the University of Dayton and the Air Force Museum Foundation in Dayton. He is a member of the Board of Visitors to the University of Dayton Law School, the President's Club of Wright State University, the Advisory Council of Notre Dame University's College of Business Administration, and the Resources Committee and Alumni Council of Dartmouth College. He is a 1944 graduate of Dartmouth College. We are delighted to have you, Mr. Berry, and we need all the help we can get so we are glad you are aboard.

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Mr. Devenow:

We have a statement or resolution to be presented by Dr. Protheroe, would you bring that up now, please.

### **PRESENTATION OF LETTER BY FACULTY MEMBERS OF THE PRESIDENTIAL SEARCH COMMITTEE**

Dr. Protheroe:

The faculty members of the Search Committee, Mr. Devenow, have something of what we think is of considerable importance to bring before the Board. It is important enough that we did not want to trust it to the mail. If I may, I would like to read the letter to you.

Mr. Devenow: Please do.



The Ohio State University

Department of Astronomy

174 West 18th Avenue  
Columbus, Ohio 43210

Phone 614 422-1773

June 17, 1981

Mr. Chester Devenow, Chairman  
Board of Trustees  
The Ohio State University

Dear Mr. Devenow:

We, the undersigned faculty members of the Presidential Search Committee, are moved to bring to the attention of the Board of Trustees the following information and, if not out of order, to suggest to you a resolution for your consideration.

Whereas, Dr. John D. Jacob, Mr. Leonard J. Immke, Mr. D. James Hilliker and Mr. John F. Havens, serving as Trustee members of the Presidential Search Committee, and Mr. D. Wayne Ashby, Jr., serving as Alumni representative, did devote inordinate time and effort to the presidential search process, greatly in excess of anything which could normally be expected of busy men; and

Whereas, these gentlemen, by their activities and participation, did display a degree of care for and understanding of the University rarely encountered; and

Whereas, Mr. John F. Havens, as chairman of the Committee, was selfless in his devotion to the activity of the committee and did provide the guidance, wisdom and motivation that helped carry the committee forward in discharging its duty:

Be it resolved that these gentlemen each be recognized for exceptional service to the University community and that John F. Havens be singled out for particular note by virtue of the exemplary manner in which he chaired the Search Committee.

Respectfully submitted,

*Diether H. Haenicke*  
Diether H. Haenicke

*John B. Gabel*  
John B. Gabel

*Joan R. Leitzel*  
Joan R. Leitzel

*William M. Protheroe*  
William M. Protheroe

*William B. Shook*  
William B. Shook

*Thomas G. Skillman*  
Thomas G. Skillman

P/a

June 18, 1981 meeting, Board of Trustees

**PRESENTATION OF LETTER BY FACULTY MEMBERS  
OF THE PRESIDENTIAL SEARCH COMMITTEE (contd)**

Mr. Devenow: Thank you very much.

Mr. Smith: Mr. Chairman, I move that we accept the resolution.

Mr. Devenow: Is there a second?

Mr. Galbreath seconded the motion to accept the letter which was approved by unanimous voice vote.

Mr. Devenow:

I would like to respond to that, Dr. Protheroe. As Chairman of the Board, I know that I speak not only for the four Trustees--Jack Havens, John Jacob, Jim Hilliker and Len Immke--and for Wayne Ashby, the Alumni representative, who served on the Presidential Search Committee, but for *all* members of the Board in expressing our deep appreciation for the efforts and contributions of the University's faculty. As a matter of fact, the Board of Trustees is indeed proud of the effort put forth by all members of the Search Committee. The selfless dedication and desire to carry out this most important assignment for the University, despite the heavy work load imposed, reflect great credit on the members of the Search Committee and their commitment to the best values and traditions of The Ohio State University. The Trustees salute the faculty, students and staff of this great University for a job well done.

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The Board recessed into Executive Session for the purpose of considering personnel-related matters.

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Mr. Devenow reconvened the meeting and called on Mr. Havens to introduce a resolution.

Mr. Havens: Yes sir, I would like to introduce a resolution.

**APPOINTMENT OF DR. EDWARD H. JENNINGS AS  
PRESIDENT OF THE OHIO STATE UNIVERSITY**

In accordance with Section 3335.09 of the Ohio Revised Code, I move the appointment and election of Dr. Edward H. Jennings to the Presidency of The Ohio State University effective September 1, 1981, at the maximum salary as permitted by law as of June 18, 1981 and with all allowances, rights, privileges, perquisites, duties and responsibilities of the office and subject to such other arrangements and adjustments which may be mutually agreed upon.

June 18, 1981 meeting, Board of Trustees

**APPOINTMENT OF DR. EDWARD H. JENNINGS AS  
PRESIDENT OF THE OHIO STATE UNIVERSITY (contd)**

I further move that the Chairman of the Board of Trustees be authorized to negotiate with Dr. Jennings to formulize Dr. Jennings' relationship with The Ohio State University and to enter into any contractual relationship which he may deem necessary and appropriate consistent with this motion.

Mr. Immke seconded the motion which was followed by a roll call vote (Mr. Berry, yes; Mr. Immke, yes; Mr. Galbreath, yes; Mr. Havens, yes; Mr. Hilliker, yes; Dr. Jacob, yes; Mr. Smith, yes; Mr. Devenow, yes).

Mr. Devenow:

I would like to read a statement here before you adjourn.

Although Mr. Redman, because of prior commitments outside the city, was unable to be present for this meeting today, he has asked that he be recorded as supporting the motion presented. On the basis of this, I would like the records to reflect that Dr. Edward H. Jennings was elected unanimously by the Board to be the tenth President of The Ohio State University. I ask the Secretary of the Board of Trustees to duly note this action in the minutes.

The meeting was adjourned.

Attest:

Madison H. Scott  
Secretary

Chester Devenow  
Chairman

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